

CLEMSON MARYLAND

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NOV. 16, 1963

OFFICIAL
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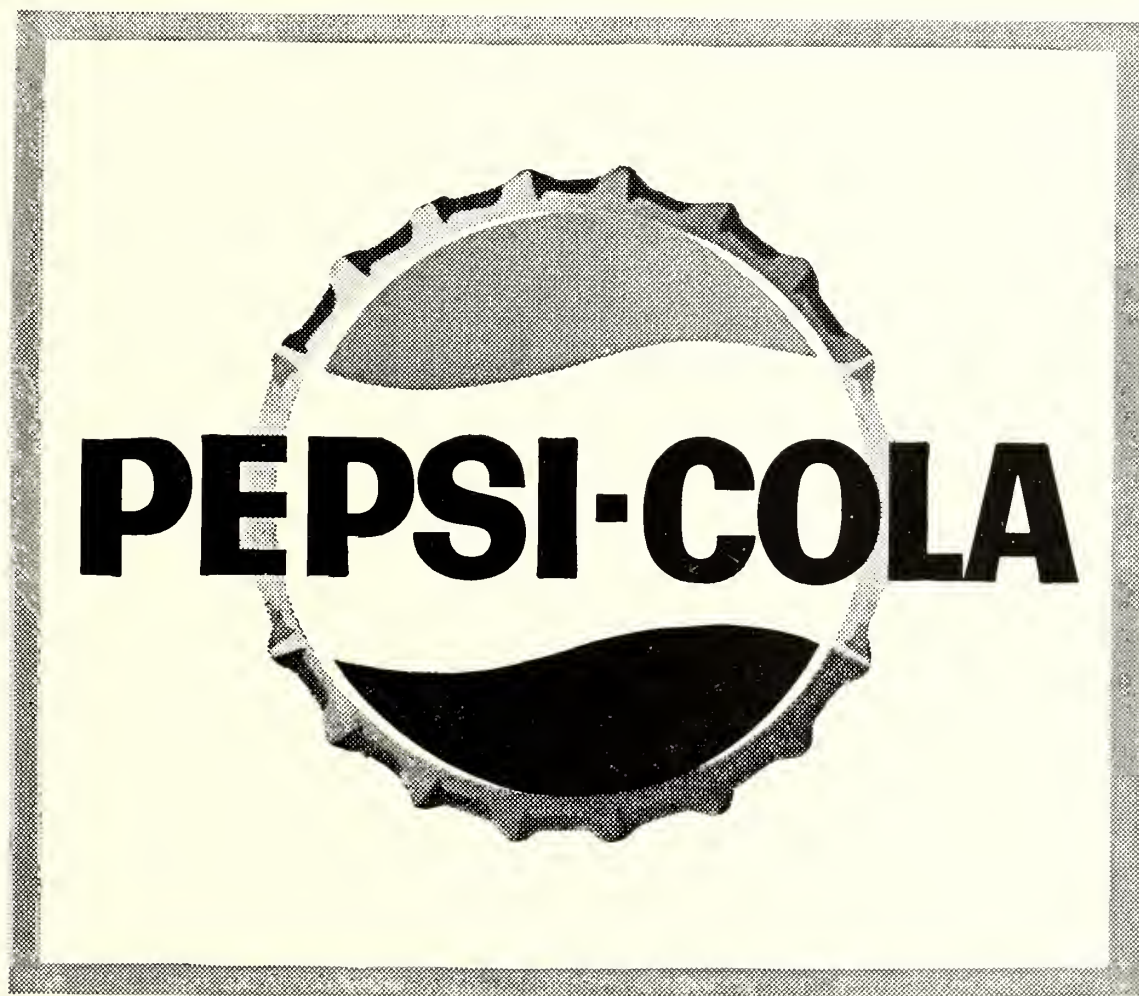


TRAILWAYS

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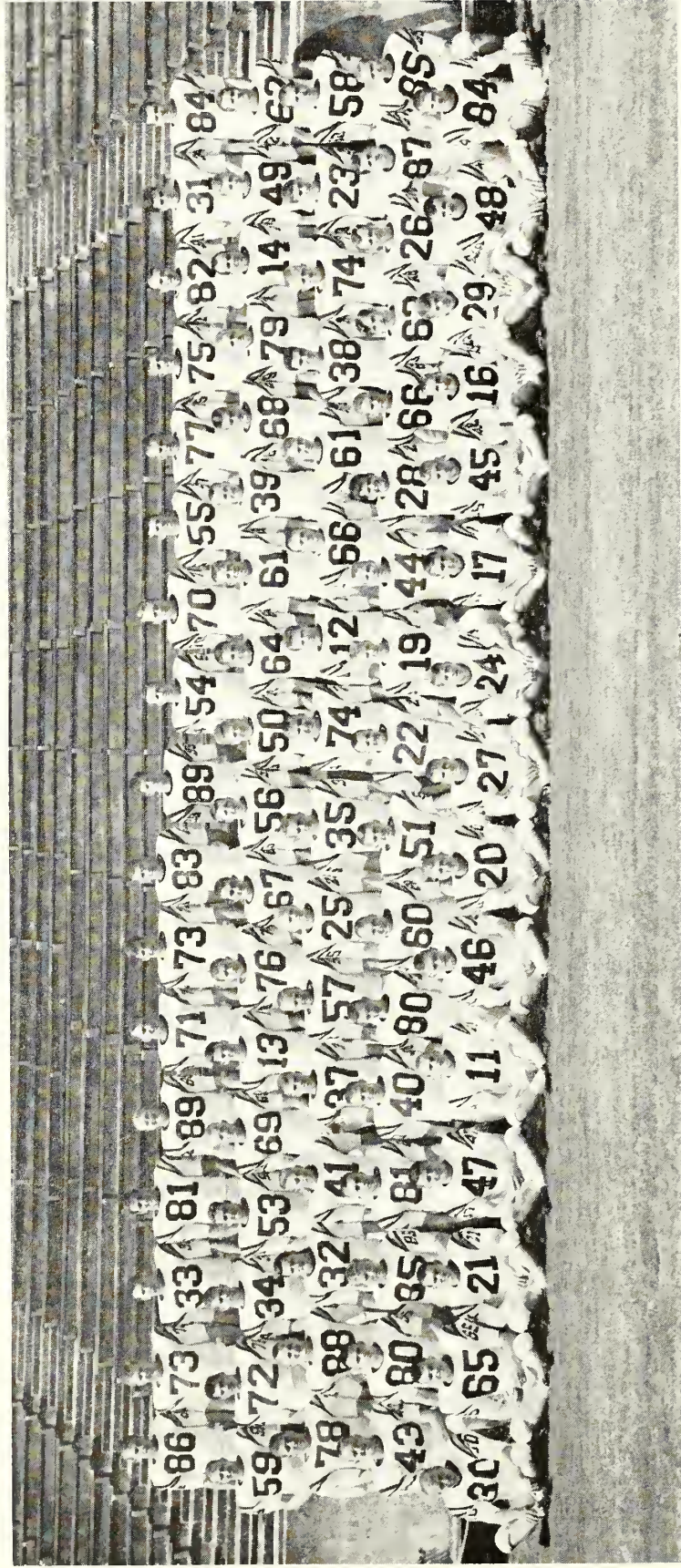


TERRY BOTTLING COMPANY

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1963 Clemson College Varsity Football Squad



The 1963 Tigers, 83 strong, posed for this formal picture the day before fall football practice started.

Front row, left to right, Jay Cooper, Walter Cox, Bunny Hubbard, Billy Efird, Thomas Ray, Phil Marion, Bobby Long, Jimmy Howard, Donnie Henderson, Jimmy Bell, Billy Ward, Gary Rankin, Ted Katana, Rossie Turpin and Ted Petoskey.

Second row, left to right, Frank Pearce, Bill Sharpe, Charlie Meadowcroft, Walt Goldman, Hugh Mauldin, Jim Vaigneur, Tracy Childers, Mike Burts, Mack Matthews, Gary Kepley, Hal Davis, Bob Harner, Bill Bryson, Lou Portas, Denny Cashmer, Stu Caplan and Darwin Flanders.

Third row, left to right, Paige Lee, Mike Douglas, Bob Fritz, Ronnie Fowler, Eddie Rogers, Bill Hecht, George Sutton, Bob Swift, Jack Aaron, Jim Ruffner, Ted Moore, John Watts, Mike McSwain, Mac McMurray, Robert Dyson and Dick Gerst.

Fourth row, left to right, Richard Cooper, Vic Aliffi, Joe Sellers, Ted Buntion, Billy Weaver, Johnny Lane, Wade Hall, Joe Blackwell, Bruce McClure, Jim Putz, Johnny Palmer, Clark Gaston, Merrell Floyd, John McKittrick, Harry Jerald, Jim Parker, Wayne Page and Lynn Craig.

Fifth row, left to right, Mike Troy, Johnny Boyette, Charlie Dumas, Bob Poole, Lou Fogle, Joe Balles, Herc Haynes, Johnny Case, Bill Gryder, Joe Waldrep, Ricky Johnson, Randy Smith, Vince Straszynski, Butch Robbins, Dave Brown, Pat Crain and Lionel Harvin.



Official Program



Published By

**CLEMSON COLLEGE
ATHLETIC ASSOCIATION**

Edited By

BOB BRADLEY
Director of Sports Information

Represented for National Advertising by **SPENCER ADVERTISING COMPANY, Inc.**

271 Madison Avenue

New York 16, New York

EMERGENCIES

In any emergency of any nature, come to the right side door of the press box (as you face press box), or contact any usher on duty. First aid stations are on either side of field beneath stands with trained personnel on duty. Telephones are located at the north-east, northwest, southeast, and southwest ticket booths.

RESTROOMS

Ladies' and men's restrooms are located beneath the stands and can be reached by exit from any portal. There are 4 ladies' and 4 men's restrooms on each side of the stadium and one each under the new west stands.

CONCESSION STANDS

Concession stands are located underneath each side of the stadium and west end stands and can be reached by exit from any portal. The stands handle soft drinks, sandwiches, cigarettes, popcorn, peanuts, candy, etc. Vendors also sell these items in the stands.

IN LEAVING

In leaving the stadium, please give utmost heed to the directions from officers on duty. New parking lots and exit roads have been added this year for your convenience. Please cooperate with traffic officers. Cars will be cleared from parking lots as quickly as possible.



Dr. R. M. Cooper, President of the Board

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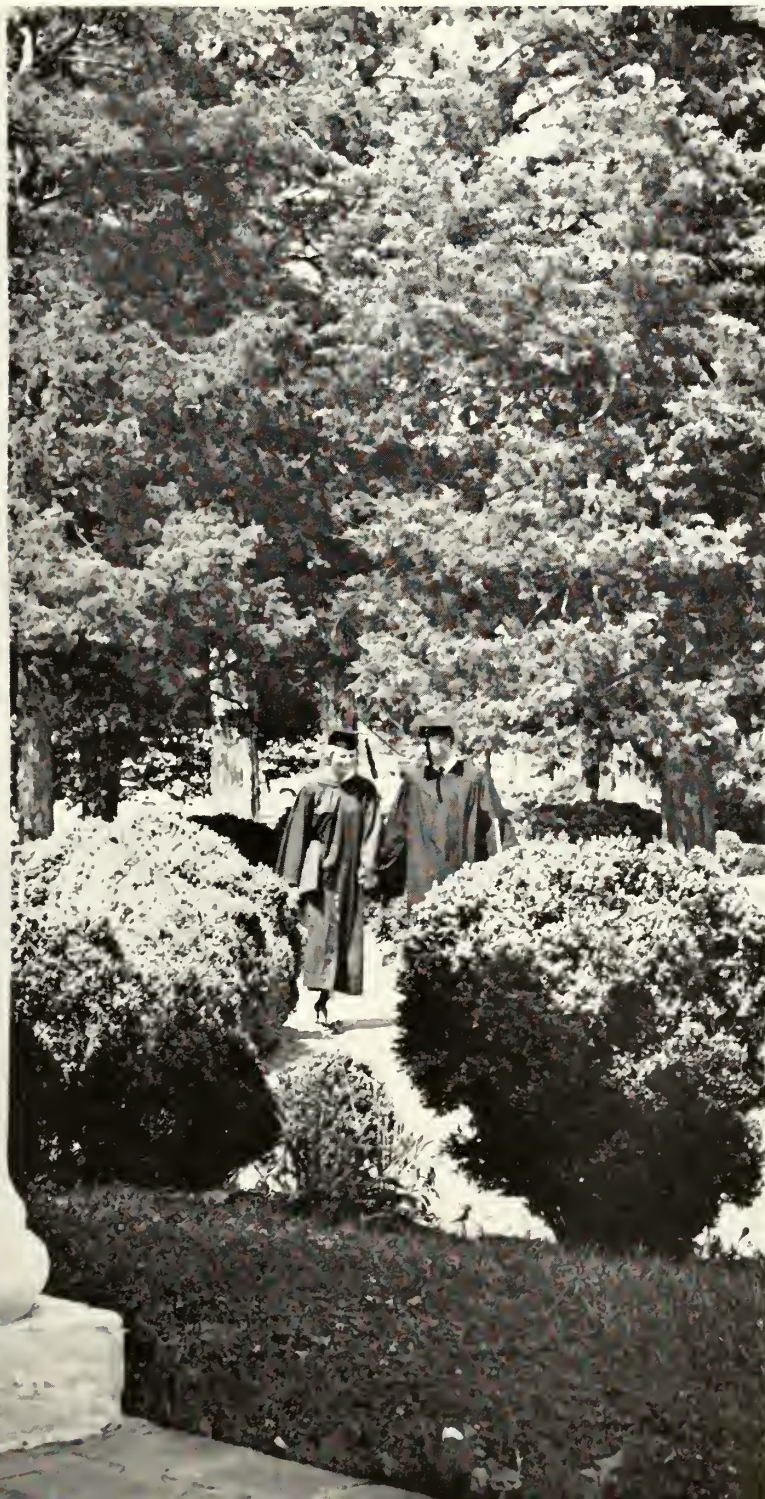
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Welcome to

Clemson



It is my pleasure to officially extend the known hospitality of Clemson.

We want you to enjoy not only this highest football game between old athletic foes, but also the wholesome camaraderie you find in this extraordinary stadium of 'good seats only'.

Clemson today is a college in name, but a university in makeup. It is large enough to serve and to share, yet small enough to be personal and friendly. It is an historic place, embodied by lovely old acres and imposing new buildings. But, too, it is a vital place; stimulating, challenging and satisfying—permeated by a spirit of learning and finding.

We think, with some prejudice, that Clemson is a wonderful place to live, to work, and—as we are sure you will agree this afternoon—to play. We hope, too, you will come to feel it is a good place to visit and will plan to be with us often.

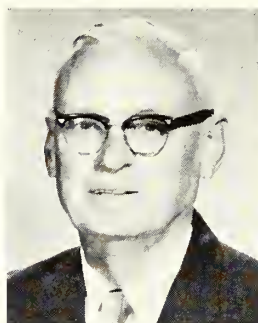
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Robert C. Edwards
President

Clemson College Administrators



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For Development



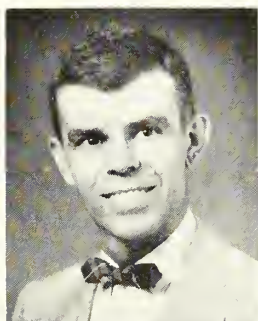
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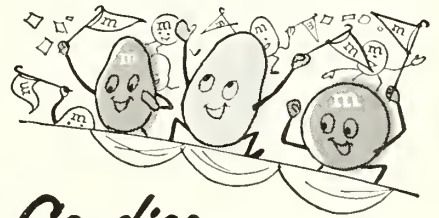
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Treat yourself to **m&m's** *Candies*



ON SALE AT THIS STADIUM NOW!



About The Coach . . .

The 1963 season marks Frank Howard's 33rd on the Clemson staff and his 24th as head coach. Clemson and Howard have grown together — both physically and in prominence. The Tigers have become known nationally under his guidance.

Howard's Tigers have played in six major post-season bowl games — more than any other team in the Atlantic Coast Conference — and the Tigers also have the best bowl record of any ACC team with four wins and three losses.

In the 10 years of conference competition, Howard has guided the Tigers to an overall 63-36-1 mark, second only to Duke. Against league foes only, the Tigers are 36-16-1 going into the 1963 season.

Of the 581 games Clemson has played since it's first team, Howard has seen 310 of these — 225 as head coach and 85 as line coach.

The Century Club . . .

Fourteen coaches who are at major football institutions (as classified by the National Collegiate Athletic Bureau) have now won 100 or more games in their careers. No coach joined the "Century Club" last season but there are three possible members this year. Buff Donelli of Columbia and R. L. Blackman of Dartmouth have each won 93 games and Frank Camp of Louisville has 92 triumphs. Coach Frank Howard of Clemson ranks sixth in the nation for the most wins in a career. Listed below are the "Century Club" members.

Name & School	Years As					Pct.
	Head Coach	G	W	L	T	
Warren B. Woodson New Mex. State --	32	318	208	92	18	.682
Eddie Anderson, Holy Cross -----	37	325	194	117	14	.618
Jess Neely, Rice -----	36	362	193	150	19	.559
Bud Wilkinson, Oklahoma -----	16	168	137	27	4	.827
Bobby Dodd, Georgia Tech -----	18	195	135	53	7	.710
FRANK HOWARD CLEMSON -----	23	225	132	83	10	.609
Bear Bryant, Alabama -----	18	192	132	47	13	.721
Johnny Vaught, Mississippi -----	16	168	130	31	7	.795
Bill Murray, Duke -----	21	193	129	55	9	.692
Rip Engle, Penn State -----	19	178	114	56	8	.663
Andy Gustafson, Miami (Fla.) -----	19	187	113	70	4	.615
Ben Schwartzwalder, Syracuse -----	17	162	111	49	2	.691
Woody Hayes, Ohio State -----	17	154	111	37	6	.740
Odus Mitchell, North Texas State	17	177	106	63	8	.621

HOWARD'S 23-YEAR RECORD

Year	G	W	L	T	Pct.
1940	9	6	2	1	.722
1941	9	7	2	0	.778
1942	10	3	6	1	.350
1943	8	2	6	0	.250
1944	9	4	5	0	.444
1945	10	6	3	1	.650
1946	9	4	5	0	.444
1947	9	4	5	0	.444
1948	11	11	0	0	1.000
1949	10	4	4	2	.500
1950	10	9	0	1	.950
1951	10	7	3	0	.700
1952	9	2	6	1	.278
1953	9	3	5	1	.389
1954	10	5	5	0	.500
1955	10	7	3	0	.700
1956	11	7	2	2	.727
1957	10	7	3	0	.700
1958	11	8	3	0	.727
1959	11	9	2	0	.818
1960	10	6	4	0	.600
1961	10	5	5	0	.500
1962	10	6	4	0	.600
Totals	225	132	83	10	.609



Sports lovers of the world, unite... let's all go Wildcat-ing!

Face it—if you're the rocking chair, watch-it-on-TV type, forget the wild, wild '64 Buick Wildcat. But if you like your action furious and first-hand, Wildcat is for you! You can bark your signals to a regular 325 hp V-8 formation, or really take to the air with a 340* or 360* hp passer. Three scat-back transmissions add to your fun: 3-speed synchromesh; 4-speed synchro stick shift on the floor*, or Buick's new trigger-quick Super Turbine 400 automatic* (very sparing with gas, too!). Four new models: 4-dr. hardtop; 2-dr. sport coupe; 4-dr. sedan; convertible. Give one a workout; see why we say...

*Optional at extra cost.

Buick Motor Division

above all, it's a BUICK!

Clemson Captains of 1963

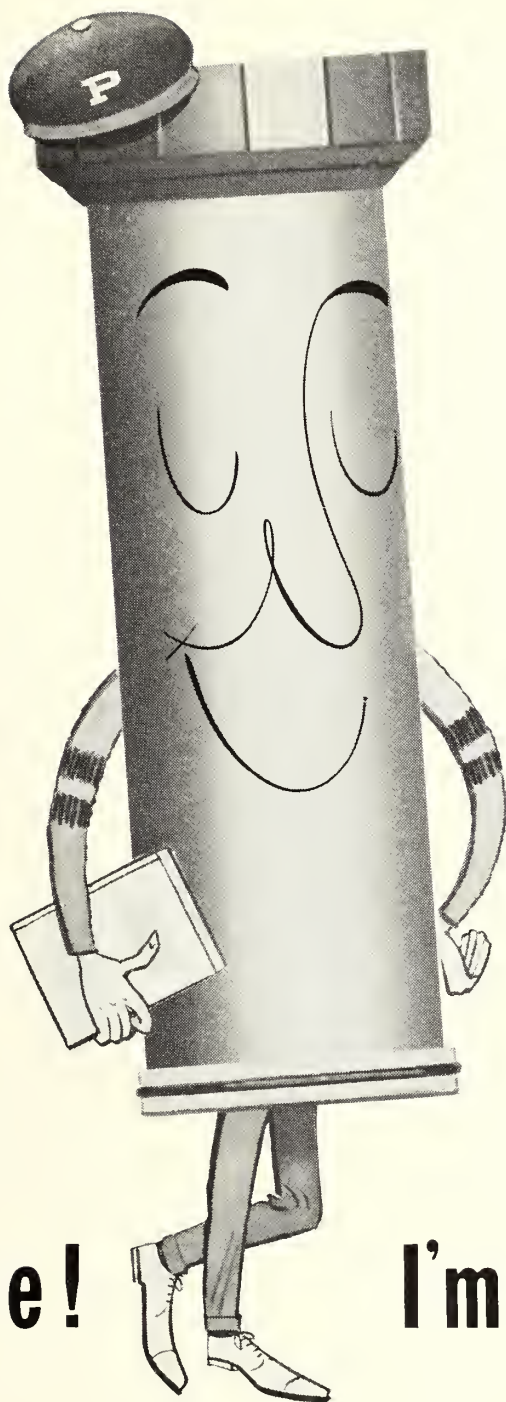


Captain
Guard
Tracy Childers
(right)



Alternate Captain
Quarterback
Jim Parker
(left)





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Su-r-r-r-e!

I'm a college man

Pomon-O-Lok Ceramic pipe, like a college education, is considered a "must" for high quality jobs. Sanitary engineers are fully aware of the proven dependability of Pomon-O-Lok Ceramic pipe. The Pomon-O-Lok mechanical joint has solved infiltration and root troubles and is first choice for sewer projects. For quality and dependability, specify Pomon-O-Lok for your next installation.

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THERE MUST BE A REASON WHY

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SOME PLACES JUST HAVE A WAY WITH PEOPLE

We're glad to see our old friends back and extend a hearty
welcome to you visiting Clemson for the first time.

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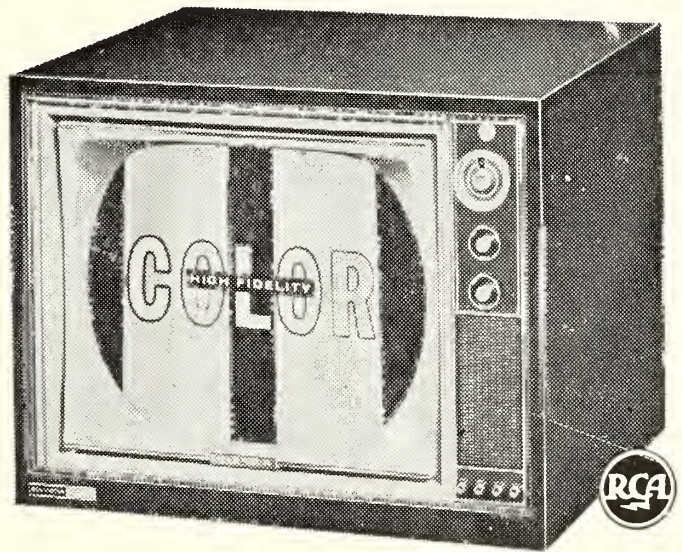


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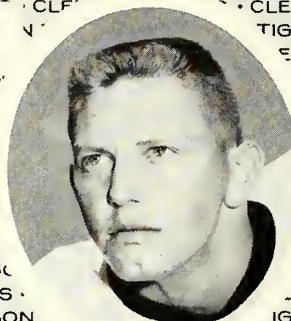
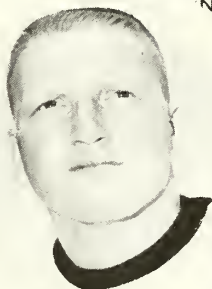
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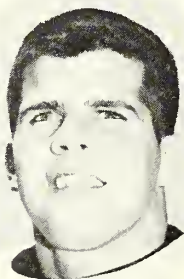
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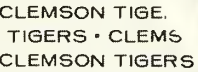
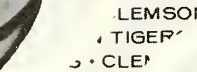
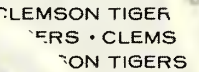
COLUMBIA, S. C.

RONNIE FOWLER
HALFBACK

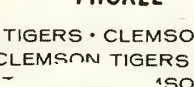


BOB FRITZ
FULLBACK

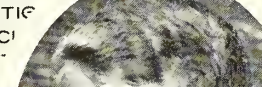


 WADE HALL TACKLE	 BOB HARNER HALFBACK	 TOMMIE SMITH LINEBACKER
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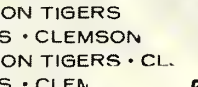




PAUL HAYNES
TACKLE



DONNIE HENDERSON
HALFBACK



JIMMY HOWARD
HALFBACK



BILL HECHT
CENTER





University of Maryland Officials . . .



DR. WILSON H. ELKINS
President, University of Maryland



WILLIAM W. (BILL) COBEY
Director of Athletics, University of Maryland



TOM NUGENT
Head Coach, University of Maryland

UNIVERSITY OF MARYLAND

Location: College Park, Md. **Founded:** 1807
Conference: Atlantic Coast **Enrollment:** 17,500
Athletic Director: William W. (Bill) Cobey
Head Coach: Tom Nugent, Ithaca '36
Assistants: Roland Arrigoni, Lee Corso, Bill (Whitey) Dovell, Carroll Huntress, Bernie Reid, Alf Satterfield, Frank Toomey
SID: Bill Dismer (Office phone: 301-864-4076)
Trainer: Duke Wyre
Stadium and Capacity: Byrd Stadium—35,000
Team Colors: Red and White; Black and Gold
Nickname: Terrapins (Terps)

	Clemson	Md.		Clemson	Md.
1952	0	28	1958	8	0
1953	0	20	1959	25	28
1954	0	16	1960	17	19
1955	12	25	1961	21	24
1956	6	6	1962	17	14
1957	26	7			

	Games	Won	Lost	Tied	Pts.	Opp.
Clemson	11	3	7	1	132	187
Howard's Record	11	3	7	1	132	187

The Maryland Series

Frank Howard and Tom Nugent might not be the closest of buddies, but their football teams have offered some rather breath-taking thrills in the past four years.

And what's more, some of the same is expected today. The personnel is there on both clubs.

It'll be Clemson's defense against the top offensive man in the conference and one of the nation's leading pass receivers.

Dick Shiner makes his third appearance against the Tigers. He is one yard past the 1,000 mark with 970 coming through the air.

Shiner's main target? Flanker end Darryl Hill, a will-o-the-wisp lad who generally zigs when the opponent zags. Hill has pulled in 32 passes good for 423 yards and seven touchdowns thus far this year, including a last second catch and a spectacular run against the Air Force for a 21-14 win.

While the Terps are expected to go to the air the Tigers will probably turn loose a running game which has become a Clemson trademark.

The Tigers are first in the conference in rushing offense, averaging 182.8 yards a game. And in the three defensive categories Clemson ranks first in total and rushing defense and second in defense against passing.

Clemson's two lines have thus far made living pretty hard for its opponents. Ted Bunton, Richard Cooper, Billy Weaver, Tracy Childers, Walter Cox, the four ends and four tackles have given up yardage grudgingly.

Pat Crain, Bob Swift, Mack Matthews, Billy Ward, Hugh Mauldin and Jimmy Howard have provided a grind 'em out look for the Tigers. Jim Parker and Thomas Ray have directed the attack.

Bunton and Gene Feher can be counted on for an above average job of linebacking. Bob Burton, Jerry Fishman, Len Chiaverini and Ernie Arizzi are back up men for Shiner and Hill.

Clemson claimed its only win over a Nugent-coached team last year, that by just three points. But Nugent's three wins have been just as close or closer. He owns two three-point and one two-digit wins over the Tigers.

A sic 'em from both coaches today will probably mean another overworked scoreboard.

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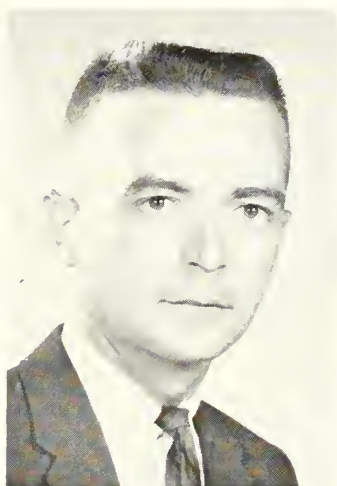
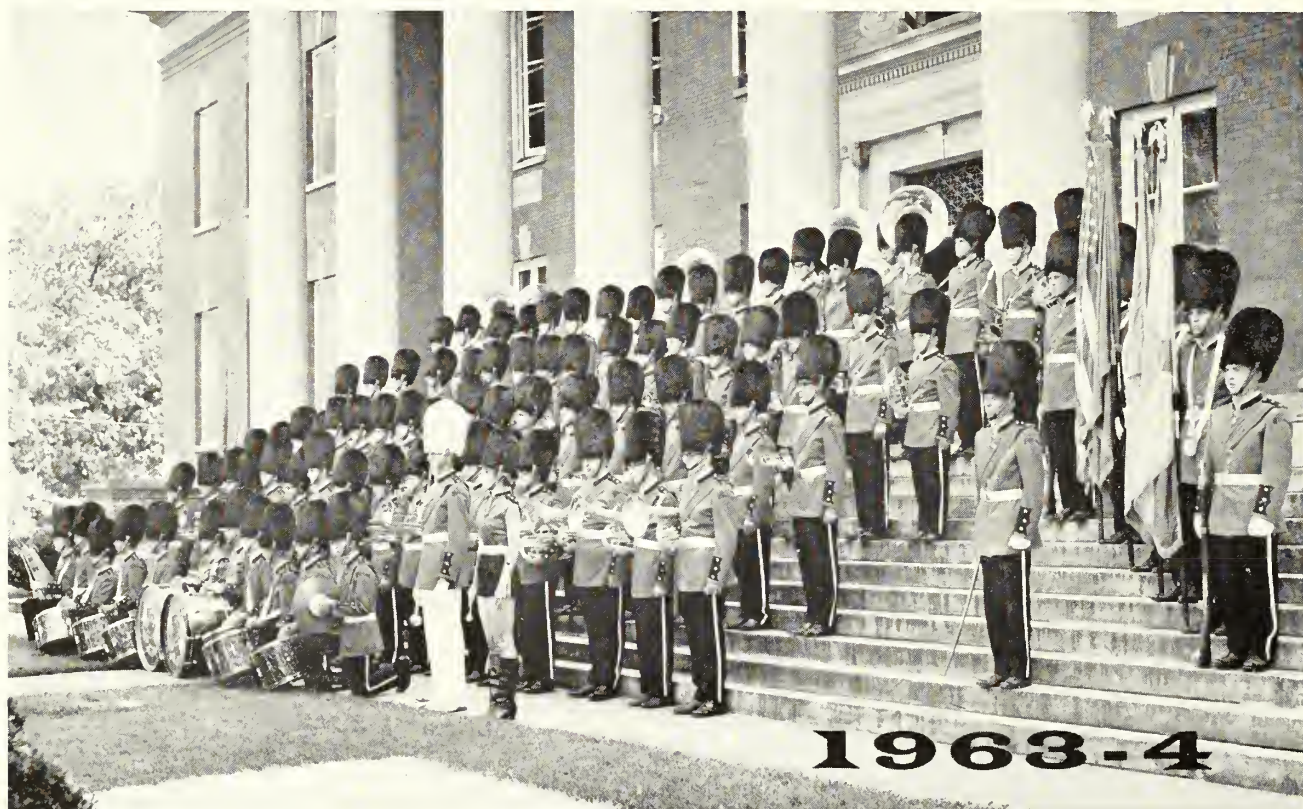
OPPOSITE POST OFFICE

"Behind Clemson Athletics 100 Per Cent"



HOMEcoming SPONSORS: These sponsors are among those of Clemson's senior football players who will be introduced in pre-game ceremonies today. Left row, top to bottom, Miss Judy Cassells of Chester and Winthrop for tackle Wade Hall, Miss Mary Houston of Gaffney for guard Clark Gaston, Mrs. Donna Parker of Clemson for quarterback Jim Parker and Mrs. Sandi Balles of Clemson for tackle Joe Balles. Second row, top, Mrs. Judy Weaver of Clemson for guard Billy Weaver, and bottom, Mrs. Susan Childers of Clemson for guard Tracy Childers. Third row, top, Miss Jo Anne Cheek of Charlotte, N. C., and Clemson for end Lou Fogle, and bottom, Miss Sterling Cooke of Winthrop for halfback Jimmy Howard. Right row, top to bottom, Mrs. Louise Matthews of Clemson for halfback Mack Matthews, Mrs. Vicki Cox of Clemson for guard Walter Cox, and Miss Karen Blackmon of Forest Park, Ga., for tackle Jack Aaron.

CLEMSON TIGER BAND



JOHN H. BUTLER
Director



EDDIE COLLINS
Band Commander

STAFF

Band Commander	Eddie Collins
Vice Commander	Eddie Myers
Drum Major	Jeff Tisdale
Student Bandmaster	Ken Kingsmore
Supply Officer	Jerry Raz
Sergeant Major	Jerry Littlejohn
Captain, Color Guard	Dickie McMahan



JO ANNE CHEEK
Solo Twirler



JEFF TISDALE
Drum Major

PROGRAM

Pre-Game

Clemson TIGER BAND Entrance

Presentation of Sponsors, TAPS Beauties, Homecoming Queen

Prayer — Fred Byrd, Student Chaplain

NATIONAL ANTHEM

Exit of TIGER BAND and COLOR GUARD

(Pre-Game show under the direction of Assistant Drum Major,
Sam Ayers)

Game

2:00 p. m. CLEMSON vs. MARYLAND
(Game Announcer — Al Joseph)

Halftime

Clemson College TIGER BAND

Fanfare from "A Symphonic Suite" (Clifton Williams)

Entrance: March — "The Liberty Bell" (John Philip Sousa)

Welcome — Dr. Robert C. Edwards, President of Clemson
College

CORONATION OF HOMECOMING QUEEN: "I'll See You
in My Dreams" (Gus Kahn)

Entrance of Queen: Float by Numeral Society, Allen Wood,
President. Designed by Noel Musial and Pete Sherratt.

Crowning of Queen: Howard Nottingham, President of
Alumni Association, assisted by Malloy Evans, President
of Central Dance Association, and Bill Sykes, President of
Student Government.

Clemson ALMA MATER

Exit: "Tiger Rag"

PERSHING RIFLES (Co. C-4, Clemson College) Drill Exhibition
John Fernandez, Captain; Fred McMurray, Executive Offi-
cer; Capt. Charles H. Ferguson, Faculty Adviser.

All-America Game—Showcase of the Stars

With the first three games now sports history, the East-West All-America Game has established itself as one of the nation's great gridiron classics.

The nationally televised game, played in Buffalo, N. Y. each June, was founded by the American Football Coaches Association. The object is to bring together the 60 best college players in the country, who have been graduated that year, to participate in one great football game.

By selecting a date in June, after graduation and before the start of pro football training, there is no interference with other bowl games or college studies.

The All-America Game is truly the Showcase of the Stars. There is no other game, in any city at any time of the year, that can boast so many football greats from college graduation classes.

From this "baby of bowl games," sponsored by the American Football Coaches Association and The Buffalo Evening News, have come the young men who have written pro football headlines.

Out of the first game in 1961, won by the West 30-20, came Marv Luster, UCLA end who was voted the most valuable player overshadowing such stars as Navy's Joe Bellino, winner of the Maxwell and Heisman Trophies and generally chosen as Player of the Year; Earl Faison, now with the San Diego Chargers; Danny LaRose, Missouri end who made it at tackle with the Detroit Lions; Pitt's Mike Ditka, who became the NFL's pro rookie of the year.

Luster, who signed with the Montreal Alouettes of the Canadian Big Four and became an All-League selection his first pro year, caught six passes for 120 yards, scoring one touchdown. Washington's Bob Schloredt passed for one for the West.

Wake Forest's Norm Snead started at quarterback for the East but Georgia's Fran Tarkenton threw three touchdown passes when he took over. Tarkenton, of course, went on to become regular quarterback for the Minnesota Vikings in his rookie pro year, while Snead did the same for the Washington Redskins.

Jim Owens of Washington and Murray Warmath of Minnesota, whose teams played in the Rose Bowl game that year, handled the West in the inaugural.



W.W. "Woody" Hayes
Ohio State
President, AFCA



John McKay
So. California
West Coach

Rip Engle of Penn State and Bill Murray of Duke ran the East.

The next year, Woody Hayes, Ohio State's stern taskmaster, headed the East coaching staff, which included Murray again and Ben Schwartzwalder of Syracuse.

Warmath was in command of the West, with Jack Mollenkopf of Purdue and John Ralston of Utah State as his aides.

Hayes' OSU star, Bob Ferguson, who went on to the Pittsburgh Steelers, was the Most Valuable Player in the East's 13-8 victory. He was the heavy-duty ball-carrier in Hayes' crunching ground game and climaxed his night by sprinting 38 yards off tackle for the winning touchdown.

Roman Gabriel of North Carolina State, now with the Los Angeles Rams, directed another 44-yard scoring drive, going over himself, but one of his passes was intercepted and run back 70 yards by Minnesota's Tom Hall for the West touchdown.

From that game came Gabriel, quarterback for the Los Angeles Rams; Sandy Stephens, Minnesota quarterback, who joined Luster at Montreal and earned an All-Star berth; Nick Buoniconti, Notre Dame lineman who was the AFL's best rookie linebacker with the Boston Patriots.

This year, the Coach-of-the-Year, John McKay, who guided Southern California to the national championship and victory in the Rose Bowl, was in charge of the West, with Frank Broyles of Arkansas and Bob Devaney of Nebraska as assistants.

Milt Bruhn, coach of Wisconsin's Big Ten champions, headed the East coaching staff, which also included Murray and Charlie McClendon of Louisiana State.

Bill Nelsen, quarterback of Southern California's 1962 champions played all but 35 seconds in directing the West to a 22-21 upset victory. He fired two touchdown passes and a two-point conversion, which actually decided the game.

Washington State's Hugh Campbell, caught eight of Nelsen's passes, two of them for touchdowns and was voted the MVP honor.

Notre Dame's Daryle Lamonica, who completed 6 of 9 passes for 109 yards, combined with speedy Willie Richardson of Jackson State for the game's picture play, a 24-yard touchdown pass.

These were the stars of the 1962 college season. Like the numerous All-Americas of the two previous years, The American Football Coaches All-America Game may be their springboard to professional fame and fortune.

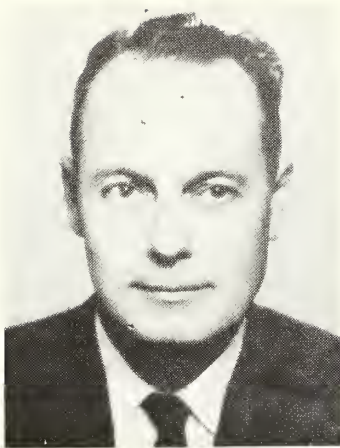


Milt Bruhn
Wisconsin
East Coach

University of Maryland Terrapins . . .



Maryland's football team today faces Clemson for the 12th time. Starting in the upper left hand corner and reading clockwise are some of the Terp players: Quarterback Dick Shiner, left end Mike Funk, tailback Jerry Fishman, center Ron Lewis, up back George Stem, swing back Ron Adams, up back Jeff Burkhardt, tackle Matt Arbutina, up back Bob Burton, center Gene Feher, guard Gayton Ciccone and quarterback Hank Lilly. In the center is McKeldin Hall, housing the library at Maryland.



Harold B. Risher '38

Abbeville, South Carolina

1964 National Alumni President

Came to Clemson from Charleston; majored in chemical engineering; now Vice President and General Manager Abbeville Mills and General Manager Laurens Mills.

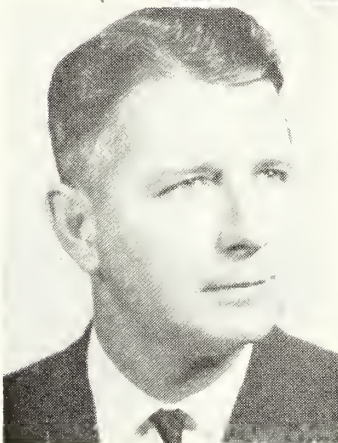


William H. Grier '23

Rock Hill, South Carolina

1964 National Alumni President elect

Came to Clemson from Fort Mill; majored in textile engineering; now President Rock Hill Printing and Finishing Company.

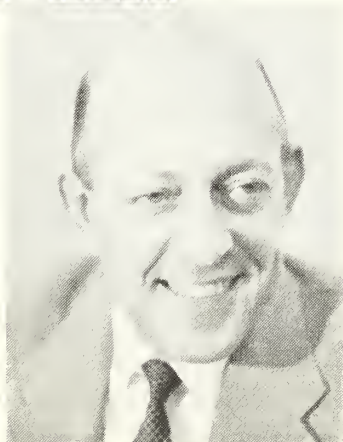


Wm. G. DesChamps '38

Bishopville, South Carolina

1964 National Alumni Vice President

Came to Clemson from Bishopville; majored in agricultural economics; now President Bishopville Petroleum Company Incorporated, and State Senator Lee County.



Joe Sherman '34

Clemson College

Director Alumni Relations

A native of Raleigh, North Carolina; majored in Arts and Sciences; now Director of Public and Alumni Relations Clemson College.

Loyalty - Service

The Clemson Alumni Association



A two-fold program of loyalty to Clemson College and service to an alumni family of nearly fifteen thousand former students is the first dedication of the Clemson Alumni Association.

It is the objective of the Association, as stated in its constitution, to maintain fellowship among former students and to keep alive a sentiment of affection for Clemson; to unite the former students by a common tie of fellowship; to foster among them a genuine regard for one another; to actively promote the welfare and development of Clemson College; and to sponsor the Clemson College Foundation, whose trustees are charged with administering and disbursing the income from the Alumni Loyalty Fund in the best interest of Clemson, its students, its faculty, its alumni and the State of South Carolina.

The Clemson Alumni Loyalty Fund, number one project of the Association, had its beginning in 1958. Each year its income is used to defray the expenses of the service program, then to make grants to programs of scholarship, fellowship, distinguished professorships, research, the library, student government, permanent endowment and others. Since 1956, when the Alumni Association was reorganized, more than half-a-million dollars has been given by Clemson Alumni to advance the college's educational and research programs.

The alumni service program has been greatly expanded in recent years. The Clemson Alumni News is sent to the alumni each month. The Alumni Placement Service is in its seventh successful year, and the reunion program has grown in leaps and bounds to become a highlight of every college year. More than 60 local clubs are active in the United States and the Alumni Office works closely with them to assure interesting and informative programs. Some of these services are available to all former students for whom the Alumni Association has correct addresses. Other services are available to those former students who help perpetuate Clemson's living endowment program through annual gifts to the Loyalty Fund.

1963 Clemson College Varsity Football Roster

No.	Name	Pos.	Age	Hgt.	Wgt.	Class	Lts.	Hometown	High School
11	Thomas Ray	QB	20	5-10	179	So.	0	Columbia, S. C.	Eau Claire
14	Jim Parker (Alt. Capt.)	QB	22	6-1	195	Sr.	2	Havertown, Pa.	Haverford
16	Gary Rankin	QB	21	5-11	176	Jr.	0	Cross Creek, Pa.	Avella District
17	Jimmy Bell	QB	20	6-0	179	Jr.	1	Hartsville, S. C.	Hartsville
22	Mack Matthews	RHB	22	5-10	202	Sr.	2	Lincolnton, Ga.	Lincolnton
23	Joe Sellers	FB	19	6-2	210	So.	0	Jackson, Ga.	Jackson
24	Ellis Dantzler	RHB	19	6-2	191	So.	0	Cameron, S. C.	Cameron
27	Jimmy Howard	RHB	21	5-10	180	Sr.	2	Clemson, S. C.	D. W. Daniel
28	Bob Harner	RHB	20	5-10	189	So.	0	Lutherville, Md.	Calvert Hall College
31	Pat Crain	FB	21	6-2	216	Jr.	1	Latrobe, Pa.	Latrobe
33	Charlie Dumas	FB	20	6-2	216	Jr.	1	Forsyth, Ga.	Mary Persons
35	Bob Swift	FB	19	6-1	217	So.	0	Lancaster, Pa.	Lancaster Catholic
38	Lynwood O'Cain	Punter	19	5-11	165	So.	0	Orangeburg, S. C.	Orangeburg
39	Lionel Harvin	Punter	20	6-3	198	Sr.	0	Columbia, S. C.	Dreher
40	Hugh Mauldin	LHB	19	5-9	185	So.	0	Rock Hill, S. C.	Rock Hill
42	Donnie Henderson	LHB	19	5-8	172	So.	0	Manchester, Ga.	Manchester
43	Frank Pearce	Ex. Pts.	20	6-1	218	So.	0	Cheraw, S. C.	Cheraw
44	Hal Davis	LHB	20	5-11	185	Jr.	1	Charleston, S. C.	St. Andrews
45	Billy Ward	LHB	20	5-11	176	Jr.	1	Columbia, S. C.	Eau Claire
53	Ted Bunton	C-LB	20	6-0	204	Jr.	1	Pelzer, S. C.	Palmetto
54	Joe Waldrep	C-LB	20	6-2	208	So.	0	Lanett, Ala.	Lanett
57	Bill Hecht	C-LB	21	6-0	200	So.	0	Staunton, Va.	West (Knoxville Tenn.)
59	Richard Cooper	C-LB	21	6-0	200	Jr.	0	Clemson, S. C.	D. W. Daniel
60	Tracy Childers (Capt.)	LG	24	5-11	205	Sr.	2	Great Falls, S. C.	Great Falls
61	Clark Gaston	LG	22	6-1	221	Sr.	2	Greenville, S. C.	Greenville Senior
63	Lou Portas	RG-LB	19	5-11	190	So.	0	LeBaron, Pa.	LeBaron Catholic
64	Johnny Palmer	LG	20	6-0	200	So.	0	Albany, Ga.	Albany
65	Walter Cox	RG-LB	21	6-0	205	Sr.	2	Clemson, S. C.	D. W. Daniel
67	Joe Blackwell	LG	20	6-1	216	Jr.	0	York, S. C.	York
68	Bruce McClure	RG-LB	21	6-1	190	So.	0	Charlotte, N. C.	Myers Park
69	Billy Weaver	RG-LB	23	6-2	202	Sr.	2	Pamplico, S. C.	Hannah
70	Rick Johnson	LT	19	6-3	208	So.	0	Plains, Ga.	Americus
71	Joe Balles	RT	21	6-3	235	Sr.	2	Lincoln Hgts., Pa.	Hempfield
72	Vic Aliffi	LT	21	6-1	240	Jr.	1	Savannah, Ga.	Savannah
74	Jack Aaron	RT	21	6-0	234	Sr.	2	Forest Park, Ga.	Forest Park
75	Butch Robbins	RT	20	6-2	204	So.	0	Covington, Tenn.	Byars-Hall
76	Wade Hall	LT	22	6-1	215	Sr.	2	Winnsboro, S. C.	Mt. Zion
77	Vince Straszynski	LT	20	6-1	235	So.	0	Morrisville, Pa.	Morrisville
78	Paul Haynes	RT	20	6-4	216	So.	0	Philadelphia, Pa.	Northeast Catholic
80	Jimmy Vaigneur	RE	20	5-11	180	So.	0	Ridgeland, S. C.	Ridgeland
81	Bob Poole	RE	22	6-4	216	Sr.	2	Florence, Ala.	Decatur
83	Johnny Case	RE	21	6-4	204	Sr.	2	Walterboro, S. C.	Walterboro
84	Ted Petoskey	RE	21	6-0	163	Jr.	0	Columbia, S. C.	Dreher
85	Charlie Meadowcroft	LE	19	5-11	179	So.	0	Baltimore, Md.	City College
86	Mike Troy	LE	20	6-4	194	So.	0	Denmark, S. C.	Denmark-Olar
87	Stu Caplan	LE	20	6-1	201	So.	0	Pittsburgh, Pa.	Taylor-Allderice
88	Walt Goldman	LE	20	5-11	187	So.	0	Greenwood, S. C.	Greenwood
89	Lou Fogle	LE	21	6-3	220	Sr.	2	Franklin, Pa.	Franklin

(Note): No. 27 Jimmy Howard lettered as fullback in 1962.

No. 74 Jack Aaron lettered as guard in 1961 and 1962.



"OFFICIAL WATCH FOR THIS GAME — LONGINES — THE WORLD'S MOST HONORED WATCH"



Pause for Coke

TRADE-MARK ®

1. OFFSIDE by either team; Violation of scrimmage or free kick formation; Encroachment on neutral zone — Loss of 5 Yards.
2. ILLEGAL PROCEDURE, POSITION OR SUBSTITUTION — Putting ball in play before Referee signals "Ready-for-Play"; Failure to complete substitution before play starts; Player out-of-bounds when scrimmage begins; Failure to maintain proper alignment of offensive team when ball is snapped; False start or simulating start of a play; Taking more than two steps after Fair Catch is made; Player on line receiving snap; Free kick out-of-bounds — Loss of Five Yards.

PENALTIES

3. ILLEGAL MOTION — Offensive player illegally in motion when ball is snapped—Loss of Five Yards.
4. ILLEGAL SHIFT — Failure to stop one full second following shift — Loss of Five Yards.
5. ILLEGAL RETURN of ineligible substitute — Loss of 15 Yards.
6. DELAY OF GAME—Consuming more than 25 seconds in putting the ball in play after it is declared ready-for-play; Interrupting the 25-second count for any reason other than a free or excess time out granted by Referee; Failure to remove injured player for whom excess time out was granted; Crawling —Loss of Five Yards. Team not ready to play at start of either half—Loss of 15 Yards.
7. PERSONAL FOUL—Tackling or blocking defensive player who has made Fair Catch; Piling on; Hurdling; Grasping face mask of opponent; Tackling player out of bounds, or running into player obviously out of play; Striking an opponent with fist, forearm, elbow or locked hands; Kicking or kneeling—Loss of 15 Yards.

8. CLIPPING—Loss of 15 Yards.
9. ROUGHING THE KICKER or holder—Loss of 15 Yards.
10. UNSPORTSMANLIKE CONDUCT—Violation of rules during intermission; Illegal return of suspended player; Coaching from side lines; Invalid signal for Fair Catch; Persons illegally on field — Loss of 15 Yards.
11. ILLEGAL USE OF HANDS AND ARMS by offensive or defensive player — Loss of 15 Yards.
12. INTENTIONAL GROUNDING of forward pass—Loss of Five Yards from spot of pass Plus Loss of Down.
13. ILLEGALLY PASSING OR HANDING BALL FORWARD — Loss of Five Yards from spot of foul Plus Loss of Down.
14. FORWARD PASS OR KICK CATCHING INTERFERENCE — Interference with opportunity of player of receiving team to catch a kick—Loss of 15 Yards. Interference by member of offensive team with defensive player making pass interception — Loss of 15 Yards Plus Loss of Down. Interference by defensive team on forward pass —Passing Team's Ball at Spot of Foul and First Down.
15. INELIGIBLE RECEIVER DOWNFIELD ON PASS — Loss of 15 Yards.
16. BALL ILLEGALLY TOUCHED, KICKED OR BATTED—Forward pass being touched by ineligible receiver beyond the line of scrimmage—Loss of 15 Yards from Spot of Preceding Down and Loss of a Down. Eligible pass receiver going out-of-bounds and later touching a forward pass—Loss of Down; Illegally kicking the ball —Loss of 15 Yards.
17. INCOMPLETE FORWARD PASS — Penalty declined; No play or no score.
18. HELPING THE RUNNER, or interlocked interference — Loss of 15 Yards.



Coca-Cola Bottling Company, Anderson, S. C.

Clemson

PROBABLE STARTING LINEUP

No.	Name	Position
89	LOU FOGLE . . .	LE
72	VIC ALIFFI . . .	LT
60	TRACY CHILDERS . .	LG
53	TED BUNTON . . .	C
69	BILLY WEAVER . . .	RG
74	JACK AARON . . .	RT
81	BOB POOLE . . .	RE
14	JIM PARKER . . .	QB
22	MACK MATTHEWS . .	RH
45	BILLY WARD . . .	RH
31	PAT CRAIN . . .	FB

THE TIGER SQUAD

11 Ray, qb	43 Pearce, ep	71 Balles, rt
14 Parker, qb	44 Davis, lhb	72 Aliffi, lt
16 Rankin, qb	45 Ward, lhb	74 Aaron, rt
17 Bell, qb	53 Bunton, c-lb	75 Robbins, rt
22 Matthews, rhb	54 Waldrep, c-lb	76 Hall, lt
23 Sellers, fb	57 Hecht, c-lb	77 Straszynski, lt
24 Dantzler, rhb	59 R. Cooper, c-lb	78 Haynes, rt
27 Howard, rhb	60 Childers, lg	80 Vaigneur, re
28 Harner, rhb	61 Gaston, lg	81 Poole, re
31 Crain, fb	63 Portas, rg-lb	83 Case, re
33 Dumas, fb	64 Palmer, lg	84 Petoskey, re
35 Swift, fb	65 Cox, rg-lb	85 Meadowcroft, le
38 O'Cain, p	67 Blackwell, lg	86 Troy, le
39 Harvin, p	63 McClure, rg-lb	87 Caplan, le
40 Mauldin, lhb	69 Weaver, rg-lb	88 Goldman, le
42 Henderson lhb	70 Johnson, lt	89 Fogle, le

Maryland

PROBABLE STARTING LINEUP

No.	Name	Position
86	H. HUMPHRIES . . .	LE
73	OLAF DROZDOV . . .	LT
62	DICK MELCHER . . .	LG
52	GENE FEHER	C
61	JOE FERRANTE . . .	RG
67	LARRY BAGRANOFF .	RT
88	DAVE NARDO . . .	RE
14	DICK SHINER . . .	QB
29	BOB BURTON . . .	UP
25	DARRYL HILL . . .	SB
31	JERRY FISHMAN . .	TB

THE TERP SQUAD

11 Sullivan, qb	44 Arizzi, sb	71 Hatfield, t
12 Lilly, qb	45 Woford, ub	72 Bury, tb
14 Shiner, qb	50 Gilmore, c	73 Drozdov, t
15 Reinhardt, qb	51 Lewis, c	74 Stolick, t
21 Adams, sb	52 Feher, c	75 Boinis, t
22 Springer, qb	53 Krahling, ub	76 Schaeffer, t
23 Simpson, fe	55 Martin, c	78 Cichowski, t
24 Miller, fe	61 Ferrante, g	79 Frattarolli, t
25 Hill, fe	62 D. Melcher, g	80 Kenny, le
29 Burton, ub	64 Ciccone, g	21 Martin, le
30 Stem, ub	65 Carney, g	82 Funk, le
31 Fishman, tb	66 Arbutina, g	84 M. Melcher, le
33 Chiaverini, sb	67 Bagranoff, t	25 Rog, le
35 Burkhardt, tb	68 Joyce, g	86 Humphries, ub
36 Dorn, tb	69 Roberts, g	87 Bresnahan, fe
40 Cerra, sb	70 Donaldson, t	88 Nardo, re
43 Klingerman, fe		89 Pettit, le

UP—Up Back; SB—Swing Back; TB—Tail Back

things go
better
with
Coke

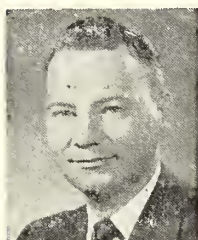
TRADE MARK ®



- 1 Offside
- 2 Illegal procedure, position or substitution
- 3 Illegal motion
- 4 Illegal shift
- 5 Illegal return
- 6 Delay of game
- 7 Personal foul
- 8 Clipping
- 9 Roughing the kicker
- 10 Unsportsmanlike conduct
- 11 Illegal use of hands and arms
- 12 Intentional grounding
- 13 Illegally passing or handing ball forward
- 14 Forward pass or kick catching interference
- 15 Ineligible receiver downfield on pass
- 16 Ball illegally touched, kicked or batted
- 17 Incomplete forward pass, penalty declined, no play or no score
- 18 Helping runner or interlocked interference
- 19 Ball dead; if hand is moved from side to side: touchback
- 20 Touchdown or field goal
- 21 Safety
- 22 Time out; referee's discretionary or excess time-out followed with tapping hands on chest
- 23 First down
- 24 Ball ready for play
- 25 Start the clock

Coca-Cola Bottling Company, Anderson, S. C.

The NCAA



by ROBERT F. RAY, Dean, Division of Extension
and University Services, State University of Iowa
President of the National Collegiate Athletic
Association



All across the nation today more than a million college football fans are enjoying watching their favorite teams in action, yet few realize that less than 60 years ago football faced a serious crisis.

It was the flying wedge, football's major offense in 1905, that spurred the formation of the National Collegiate Athletic Association. The rugged nature of football, typified by the mass formation and gang tackling, was causing too many injuries and deaths. Many institutions discontinued the sport. Others advocated that it be abolished from the intercollegiate program.

Public clamor rose to such crescendo that President Theodore Roosevelt summoned athletic leaders to two White House conferences to urge reformation of the game and warned an executive edict might be forthcoming if his request passed unheeded.

The NCAA evolved from a meeting of 13 colleges and universities called in early December, 1905, to bring about reforms in the playing rules. At a second December 28 meeting in New York, the Interecollegiate Athletic Association was founded and officially constituted March 31, 1906. The NCAA took its present name in 1910.

In his address to the first annual convention, December 28, 1907, of the Interecollegiate Athletic Association, its president, Palmer Pierce, United States Military Academy, stated:

"The purpose of this Association is, as set forth in its Constitution, the regulation and supervision of college athletics throughout the United States, in order that the athletic activities in the colleges and universities may be maintained on an ethical plane in keeping with the dignity and the high purpose of education. All institutions enrolled as members agree to take control of student athletic sport, so far as may be necessary, to maintain in them a high standard of personal honor, eligibility and fair play, and to remedy whatever abuses may exist."

Fifty-six years later, with programs of intercollegiate athletics vastly different from those in effect in 1907, the philosophy expressed by General Pierce remains the basic philosophy of the NCAA. The advances and progress which the Association has made during the 56 years of its existence can be attributed largely to the fact that its ever growing membership and its leadership have not lost sight of these principles.

From a modest beginning when representatives of 13 institutions came together in December of 1905, the NCAA of 1963 has a total membership of 607, including 542 colleges and universities, 32 allied conferences, 13 associated in-

stitutions, and 20 affiliated organizations.

The NCAA on occasion has been incorrectly referred to as an organization of large colleges and universities. While every college and university conducting a major athletic program does hold membership in the NCAA, there are nearly 375 College Division members, i.e., smaller institutions.

The fact that NCAA membership is important to these smaller institutions is confirmed by the enrollment figures which show that the NCAA College Division has more than tripled—from 111 to nearly 375, in the last 10 years.

The final authority and governing body of the Association is the annual Convention held during the first part of January. The establishment and direction of the general policy of the Association between Conventions are committed to a Council of 18 members. An Executive Committee of 10 members is elected by the Council to transact the business and administer the affairs of the Association and carry out the policies of the Convention and Council. Members of the Council and Executive Committee are some of the nation's leading college professors, presidents, and college athletics officials.

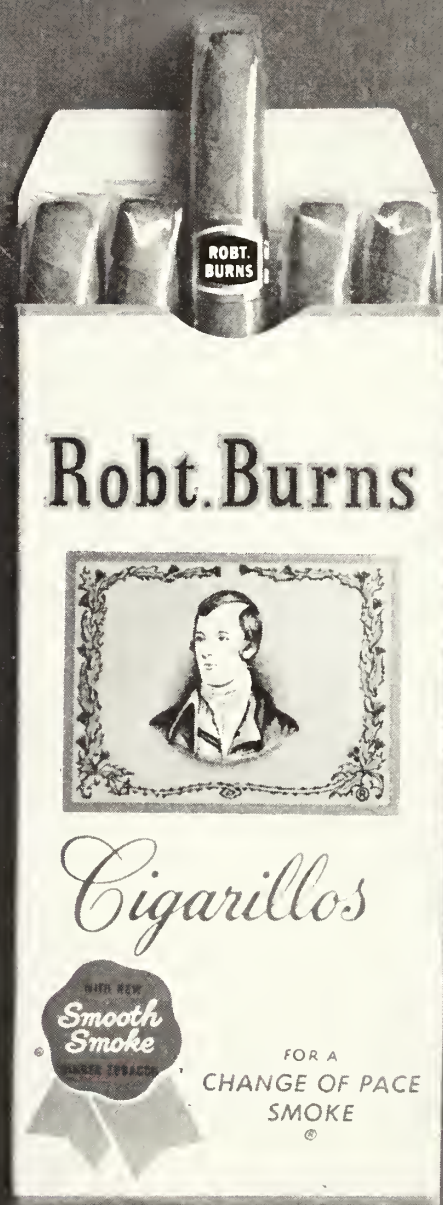
The core of the Association is the work of its committees which determine policy by channeling reports and recommendations through the Council to the annual Convention. The Association maintains 13 standing or general committees, 13 rules committees, six meet and tournament committees, and a number of special committees appointed to undertake assigned projects.

In summarizing the NCAA, it is an organization through which the colleges and universities of the nation speak of and act on athletic matters at a national level. The NCAA stands for good conduct in intercollegiate athletics and serves as the colleges' national athletic accrediting agency. It is a voluntary association of 607 member institutions and affiliated associations devoted to the sound administration of intercollegiate athletics in all of its phases.

1963 University of Maryland Roster

No.	Name	Pos.	Hgt	Wgt.	Age	Class	High School	Hometown
11	Sullivan, Bob	QB	6-0	180	19	So.	Wilmington	Wilmington, N. C.
12	Lilly, Hank	QB	6-0	180	20	So.	Gonzaga	Washington, D. C.
14	*Shiner, Dick	QB	6-0	190	20	Sr.	Lebanon	Lebanon, Pa.
15	Reinhardt, Bill	QB	5-9	165	19	So.	Wheaton	Wheaton, Md.
21	Adams, Ron	SB	5-11	175	22	Jr.	Irvington	Irvington, N. J.
22	Springer, Bruce	QB	6-4	195	19	So.	Scotch Plains	Fanwood, N. J.
23	*Simpson, Mike	FE	5-9	165	22	Jr.	Deering	Portland, Me.
24	Miller, Gary	FE	6-1	185	19	So.	Northwestern	Hyattsville, Md.
25	Hill, Darryl	FE	6-0	165	20	Jr.	Gonzaga	Kenilworth, Md.
29	*Burton, Bob	UB	6-1	205	21	Sr.	Newark	Newark, Del.
30	Stem, George	UB	5-10	185	19	So.	Westminster	Westminster, Md.
31	Fishman, Jerry	TB	6-1	220	20	Jr.	Norwalk	E. Norwalk, Conn.
33	*Chiaverini, Len	SB	5-11	185	20	Jr.	Ambridge	Ambridge, Pa.
35	Burkhardt, Jeff	TB	6-3	210	19	So.	Florence	Florence, N. J.
36	Dorn, Bill	TB	5-11	180	21	Jr.	Mt. Holly	Mt. Holly, N. J.
40	Cerra, Tony	SB	5-11	185	18	So.	Farrell	Farrell, Pa.
43	Klingerman, Doug	FE	6-1	185	20	So.	Bloomsburg	Bloomsburg, Pa.
44	*Arizzi, Ernie	SB	6-0	185	21	Sr.	Haddon Heights	Barrington, N. J.
45	Wolford, Chet	UB	6-0	195	19	So.	Tyrone	Tyrone, Pa.
50	*Gilmore, Ed	C	5-11	195	21	Sr.	Mt. St. Michael	N. Bergen, N. J.
51	*Lewis, Ron	C	6-0	195	20	Jr.	Ridley Park	Ridley Park, Pa.
52	*Feher, Gene	C	6-1	205	20	Sr.	Aliquippa	W. Aliquippa, Pa.
53	Krahling, Charles	UB	6-1	210	19	So.	John Carroll	Hyattsville, Md.
55	Martin, Charles	C	5-11	200	20	Jr.	Father Judge	Philadelphia, Pa.
61	*Ferrante, Joe	G	6-0	195	21	Sr.	Portland	Portland, Me.
62	Melcher, Dick	G	6-1	205	20	So.	DeMatha	Edgewater, Md.
64	Ciccone, Gayton	G	5-10	210	21	So.	Seton Hall	Newark, N. J.
65	Carney, Art	G	5-11	198	19	So.	Newark	Bear, Del.
66	Arbutina, Matt	G	6-1	220	21	So.	Aliquippa	Aliquippa, Pa.
67	Bagranoff, Larry	T	6-2	215	19	So.	Walter Johnson	Bethesda, Md.
68	*Joyce, Fred	G	5-11	195	20	Jr.	Fort Hill	Cumberland, Md.
69	Roberts, Jon	G	5-10	180	20	So.	Upper Darby	Upper Darby, Pa.
70	Donaldson, Bill	T	6-0	215	19	So.	Rancoas Valley	Mt. Holly, N. J.
71	*Hatfield, Norm	T	6-3	225	21	Sr.	Altoona	Altoona, Pa.
72	*Bury, Lou	T	6-1	210	21	Jr.	Calvert Hall	Baltimore, Md.
73	*Drozdov, Olaf	T	6-0	210	20	Jr.	Pennsville	Pennsville, N. J.
74	Stolick, Bob	T	6-2	210	20	So.	Sewickley Area	Herminie, Pa.
75	*Boinis, John	T	6-4	220	22	Sr.	St. Petersburg	Washington, D. C.
76	Schaefer, Rich	T	6-1	215	19	So.	Williamstown	Williamstown, Pa.
78	Cichowski, Tom	T	6-4	230	19	So.	Southington	Southington, Conn.
79	*Frattarolli, Joe	T	6-2	225	20	Jr.	Stamford	Stamford, Conn.
80	Kenny, John	LE	6-1	195	20	So.	Steubenville	Steubenville, O.
81	Martin, Andy	LE	6-0	195	21	So.	Ridley Township	Swarthmore, Pa.
82	*Funk, Mike	LE	6-0	190	19	Jr.	Bishop McDevitt	Harrisburg, Pa.
84	Melcher, Mick	LE	6-1	205	20	So.	DeMatha	Edgewater, Md.
85	Rog, Ed	LE	6-0	195	21	Sr.	Chenango Valley	Binghamton, N. Y.
86	Humphries, Howard	UB	6-4	200	22	So.	Western	Silver Spring, Md.
87	Bresnahan, Tom	FE	6-0	195	21	Jr.	DeMatha	Landover, Md.
88	*Nardo, Dave	RE	6-0	195	21	Sr.	St. John Central	Bellaire, O.
89	Pettit, Bill	LE	6-4	195	21	Sr.	Huntington	Huntington, N. Y.

* Indicates Letterman SB—Swing Back TB—Tail Back UB—Up Back
FE—Flanker End (Listed in brochure as Wing Back)



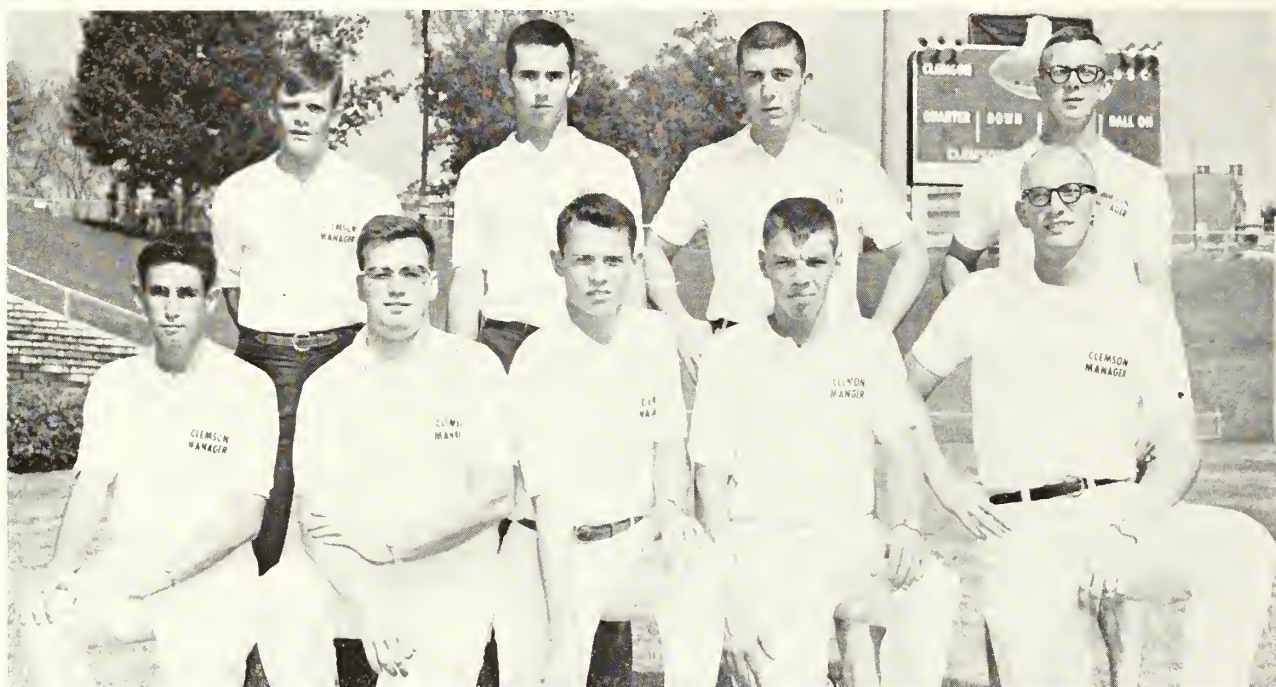
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size. Just the right mildness, too. Cigarillo's fine blend of tobaccos sees to that. It's mild but full of flavor—the kind of flavor you don't have to inhale to enjoy. Change of pace. Peace of mind. Only 5¢ each. Remember, if it's not a Robt. Burns, it's not the Cigarillo.

Robt. Burns Cigarillos are on sale at this stadium.

1963 Clemson Varsity Managers



These nine football managers have a multitude of duties to perform before, during and after a game. They are the unsung heroes of a football team. Kneeling left to right are Dan Goodwin, George Trakas, John Godfrey, George Phillips and Charles Cloaninger. Standing, left to right, are Bruce Lanier, Eddie Strom, head manager Jim Rhinehardt and Carroll Foster.

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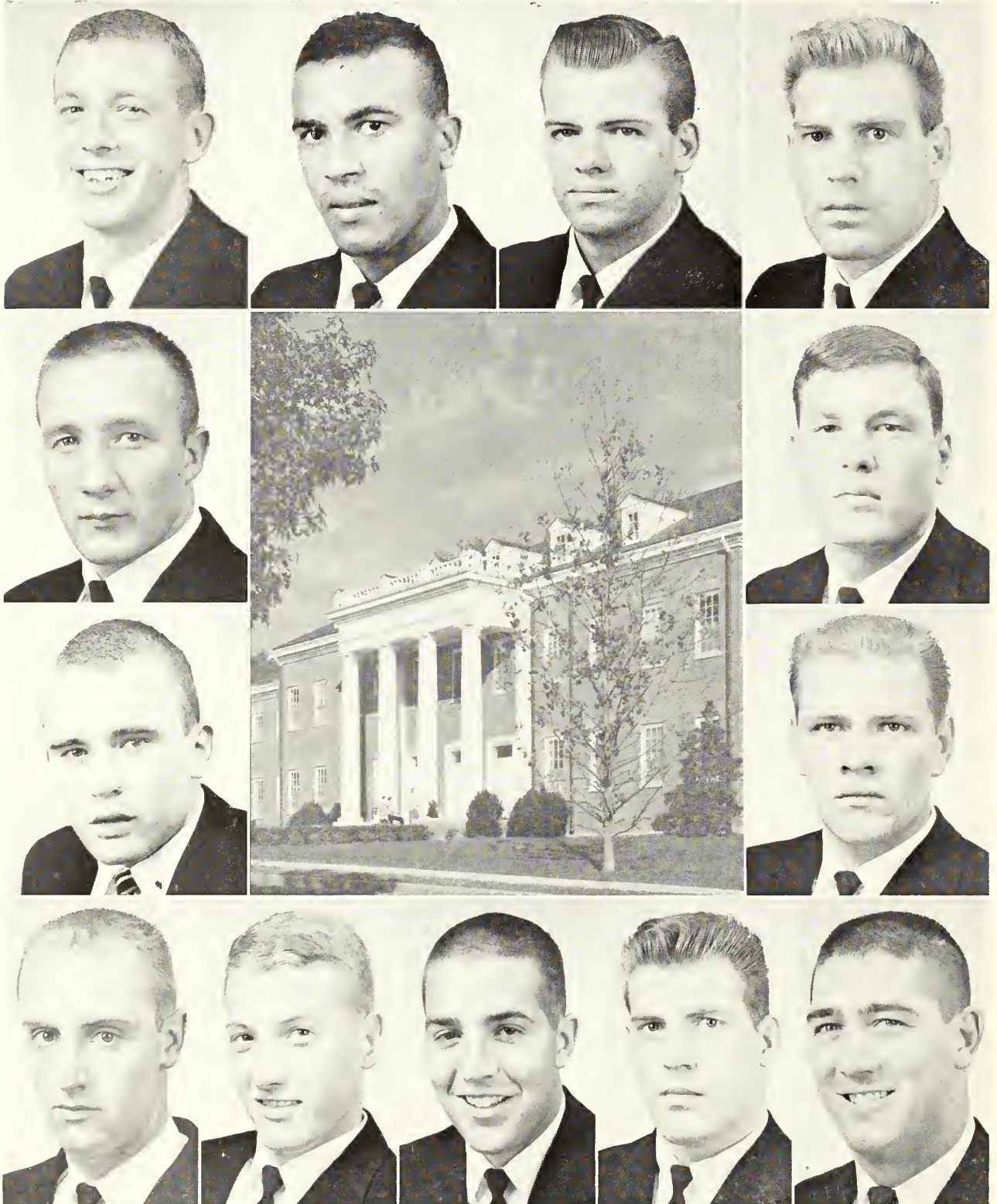
SPARTANBURG • ROCK HILL

University of Maryland Terrapins . . .



Here are 12 more players Coach Tom Nugent has brought to Clemson to face the Tigers. Reading clockwise from the upper left hand corner are swing back Tony Cerra, tackle Tom Cichowski, wing back Doug Klingerman, end Bill Pettit, end John Kenny, guard Joe Frattaroli, swing back Len Chiaverini, tackle Norm Hatfield, quarterback Bruce Springer, center Charles Martin, guard Dave Nardo and tailback Lou Bury. In the center is Memorial Chapel on the campus at the University of Maryland.

University of Maryland Terrapins . . .



Another group of Maryland players here to face the Tigers at homecoming are, starting in the left hand corner and reading clockwise, up back Howard Humphries, wing back Darryl Hill, end Andy Martin, guard Dick Melcher, tackle Larry Bagranoff, tackle Rich Schaefer, center Ed Gilmore, guard Mick Melcher, up back Charles Krahling, quarterback Bob Sullivan, wing back Mike Simpson, tackle Olaf Drozdov and guard Joe Ferrante. In the center is the student union building on the University of Maryland campus.

"Courage, Competition and Character"

by DR. JOSEPH KAPLAN

Department of Physics, U. C. L. A.
Chairman of International
Geophysical Year

Many years ago when I became actively involved in intercollegiate athletics, I tried hard to clarify in my own mind the role of intercollegiate athletics in the university or college. This was not a casual exercise on my part, because I was involved in the development of a relatively new campus of the University of California, and also because of the increasing pressures on all of us of preparation for World War II, and the increasing emphasis on research and graduate work at a University which was destined to become one of the most remarkably developing institutions in the Nation.

Thus the University climate for athletics was a changing one. There developed much more emphasis than ever before on academic achievements, the Nobel Prize, election to the National Academy of Sciences, creative and research activities. One might have expected that intercollegiate athletics, particularly in football and other highly competitive and much publicized areas, would begin to fade into the background until it was practically a minor activity in the University. In large metropolitan areas, the development of professional football and basketball offered a new threat to the popularity and prosperity of the traditionally crowd-pleasing major collegiate sports.

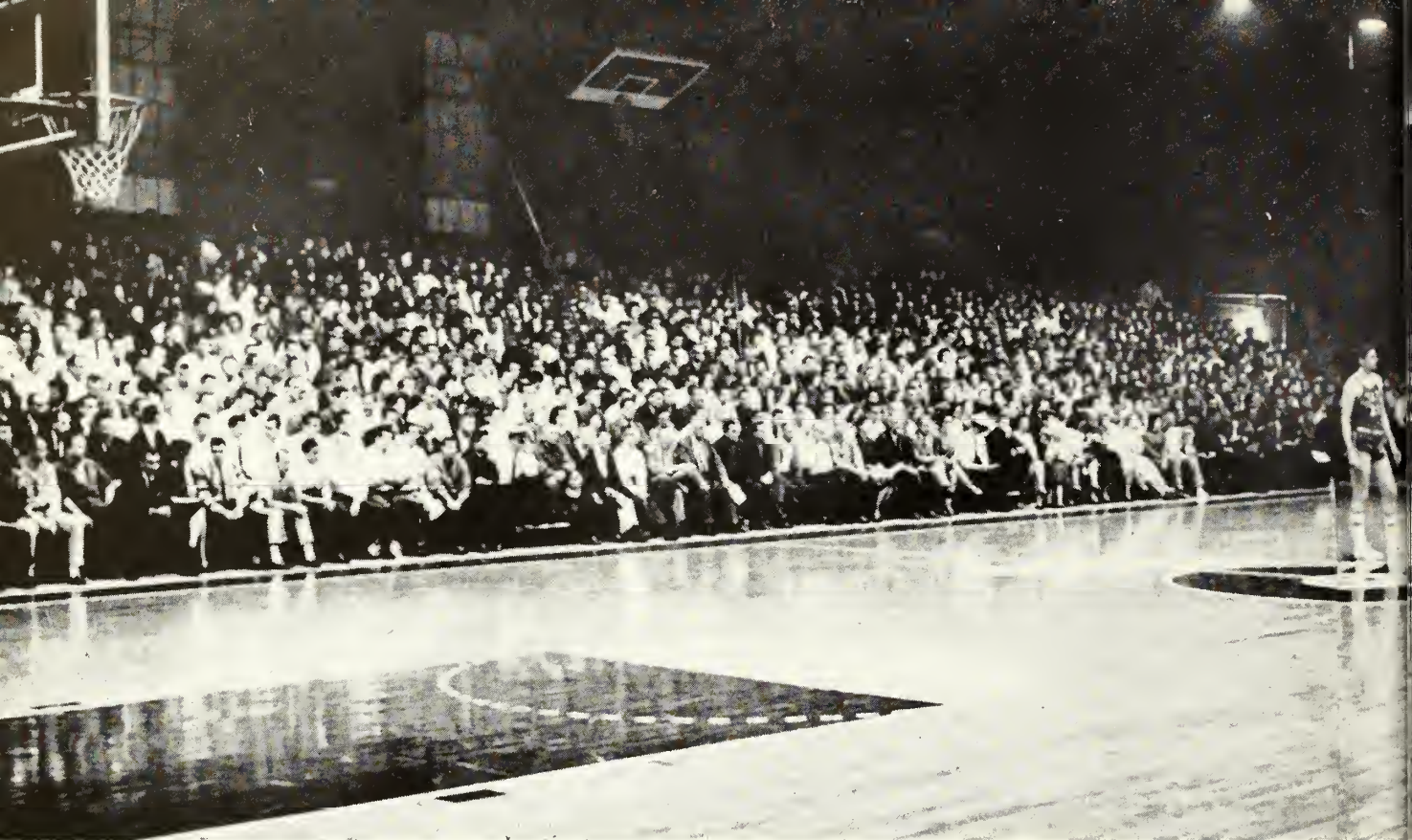
That this fading out of the picture by intercollegiate athletics has not taken place is in itself a remarkable phenomenon of our times. There are real, deep-seated and meaningful reasons for this, of which I will present the three that appear to me to be the most significant. At the same time I will present reasons why the current emphasis on intercollegiate athletics must not be allowed to diminish.

The three reasons to which I referred earlier are basically related to the three most significant characteristics of the modern intercollegiate athletic picture. These are contained in my three word title, "Courage, Competition and Character". To one who is active in the field of international scientific affairs, and who is more than casually aware of the problems that we face as a nation, these three words summarize the real needs of our time. For this nation to survive as a leader among the free nations of this world, we must have courage, we must be able to compete and we must maintain the best in our national character.



Interecollegiate athletics is an area of activity in which all three of these are intimately involved. Both team sports and individual effort require courage, character and the competitive spirit. The demonstrations that one sees of these important elements in our modern existence are easily understood. The language of athletics has almost universal appeal, thus the lessons to be learned are relatively easily communicated. I like the space program because it provides us with a simple mechanism for bringing the beauties of science to the public. I like intercollegiate athletics because it provides an equally effective and simple technique for bringing to the public the meaningfulness of the competitive spirit, character and courage.

Our space activities demonstrate our willingness to cooperate with other nations. Our emphasis on sports, particularly in our colleges and universities, shows the world that we value the attributes to which my title refers. Taken together, these make for a nation in which other people can have real confidence.



CLEMSON BASKETBALL DURING THE 1963-1964 SEASON

1963-64 BASKETBALL SCHEDULE

Dec. 3—North Carolina at Clemson
 Dec. 5—Georgia at Clemson
 Dec. 7—The Citadel at Charleston
 Dec. 14—Duke at Durham, N. C.
 Dec. 16—Maryland at College Park, Md.
 Dec. 17—Virginia at Charlottesville, Va.
 Dec. 20—Virginia Military Institute at Clemson
 Dec. 28-30—Sun Bowl Classic at El Paso, Texas.
 Jan. 4—Wake Forest at Winston-Salem, N. C. (TV)
 Jan. 8—Duke at Clemson
 Jan. 11—Erskine at Clemson
 Jan. 14—Furman at Greenville
 Jan. 25—South Carolina at Columbia (TV)

Feb. 4—Furman at Clemson
 Feb. 6—Georgia at Athens, Ga.
 Feb. 8—N. C. State at Raleigh, N. C.
 Feb. 14—North Carolina at Charlotte, N. C.
 Feb. 15—N. C. State at Charlotte, N. C.
 Feb. 21—Wake Forest at Clemson
 Feb. 25—South Carolina at Clemson
 Feb. 29—Virginia at Clemson
 March 5-6-7—ACC Tournament at Raleigh, N. C.
 Feb. 28—Maryland at Clemson

TIGER TIDBITS: Head Coach: Bobby Roberts, 2nd year as head coach. **1962-63 Record:** Won 12, Lost 13. **Asst. Coach:** George Krajack, 2nd year as freshman coach.

VASITY BASKETBALL ROSTER

Name and Position	Height	Weight	Age	Class	Hometown	Letters
Jim Brennan, G	6-3	175	22	Senior	McKeesport, Pa.	2
Donnie Mahaffey, C	6-8	220	21	Senior	LaGrange, Ga.	2
Gary Burnisky, F	6-6	185	21	Senior	Bridgeville, Pa.	2
Nick Milasnovich, G	6-1	170	21	Senior	Youngstown, Ohio	2
Mike Bohonak, F	6-2	195	22	Senior	Pittsburgh, Pa.	2
Woody Morgan, F	6-7	210	21	Senior	Hartsville, S. C.	2
Manning Privette, C	6-8	215	21	Senior	Hartsville, S. C.	2
Rudy Antonicic, F	6-4	195	20	Sophomore	McKeesport, Pa.	0
Donnie Seitz, F	6-5	210	20	Sophomore	Morrisonville, Ill.	0
Sam Cohn, G	6-1	180	22	Sophomore	Beckley, W. Va.	0
Richard Hall, G	5-11	167	21	Junior	Savannah, Ga.	1
Ronnie Cox, G	6-0	180	20	Sophomore	Syracuse, N. Y.	0
Garry Helms, F	6-4	195	19	Sophomore	Pelzer, S. C.	0
Tom Corcoran, C-F	6-5	185	19	Sophomore	North Charleston, S. C.	0
Ken Gardner, C	6-5	182	19	Sophomore	Collingwood, N. J.	0
Buddy Benedict, G	5-7	142	19	Sophomore	Duquesne, Pa.	0
Mike Grissett, F	6-4	200	19	Sophomore	Pensacola, Fla.	0



Above picture taken at opening game of 1962-63 Season against N. C. State. Clemson lost, 56-55.

Tiger Home Games begin at 8 p.m. in Clemson Field House.

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CLEMSON, S. C.

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The Federation Movement

A New Era for American Sports!

by OLIVER E. KUECHLE

Sports Editor

The Milwaukee Journal

A new concept in the conduct and administration of amateur athletics in this country has taken deep root. It is evolutionary. It is sound. It is an inevitable development as participation in our ever-expanding athletic programs grow.

It is known as the federation movement.

At the moment, it embraces four sports: track and field, basketball, gymnastics and baseball. In time, it will undoubtedly embrace others.

Each field has its own federation. In each, which is the evolutionary part of the concept, the educational community at last has its proper representation through the National Collegiate Athletic Association, the National Federation of State High School Athletic Associations, the National Junior College Athletic Association and other representative agencies. Conservatively, these three organizations, with other federation members, represent more than 85% of the amateur interests in the United States.

The question has been asked: Why new federations? Why? Since kerosene lamps also provided light, why electric lights?

The answer to the federation movement is simple. Those who are the primary contributors to amateur athletics, the schools, believe—nay, now insist—that they have the right to share in the responsibility of establishing policy directly affecting their own programs. They have not had such right in the past. They have merely tagged along. It is the basic philosophy among educational institutions that educators and administrators alone determine the course of their athletic programs within the framework of the over-all educational concept. There can be no retreat from this—no further indifference either.

The federation movement allows all nationally recognized organizations to have voice and vote in establishing basic policy in each sport. It provides, further, that no two organizations within a federation can ever gain control.

Each federation is autonomous. Each operates independently. A few national organizations belong to all four federations. Others belong only to the federation which directly concerns their sport.

The movement is not limited to educational institutions. It has a place for all. Even in these beginnings, most major amateur sports organizations have joined as partners. The one strident dissenter has been the Amateur Athletic Union. It has steadfastly declined all invitations to join.

Through federation programs, the country cannot help but benefit. There will be improved development oppor-

tunities, increased competition, enlightened administration. We as a nation cannot help but have stronger representation in international and Olympic competitions.

Here is a brief look at the individual federations:

United States Track and Field Federation (USTFF). It was organized July 24, 1962, and consists of 10 national organizations. In less than a year it has sponsored three national championship meets, a national track clinic and has embarked on an extensive development program for all age groups. It is organized in more than 40 states, with each state conducting its own program of development and competition. The Gulf Coast Federation (Texas) conducted a cross-country meet, for instance, which drew 475 runners and the Michigan Federation held an indoor track meet which drew 625 boys and girls. Outspoken in praise of the USTFF has been Executive Secretary Cliff Fagan of the National Federation of State High School Athletic Associations: "We (high schools) have always had the biggest potential but, until the federation movement, we have never fully realized our potential."

Basketball Federation of the United States (BFUSA). The 10-member federation, organized July 1, 1962, represents almost all of the organized amateur basketball played in the United States. It has been recognized by the international governing body and will assume independent international sanctioning privileges beginning January 1, 1964. It has a definite program to improve this country's image internationally through better representation in world games and increased international competition. Several countries have already indicated new interest to send their teams to this country in the season just ahead.

United States Gymnastic Federation (USGF). The federation, organized December 9, 1962, has already become the dominant force in gymnastics in this country. A national championship was held in June. Clinics have brought expert gymnastic instructions to coaches and competitors. The federation has embarked upon an intensified national program to popularize gymnastics, particularly among school-age boys and girls.

United States Baseball Federation (USBF). The federation has a basic two-fold program: (1) to help amateur baseball in whatever way it can and (2) to provide the United States with an organization to promote baseball internationally. Under the auspices of the state department, the USBF last summer provided a group of collegiate baseball coaches and players to conduct instructional clinics in Central America.

The new school year brings great new opportunities to the entire federation movement.





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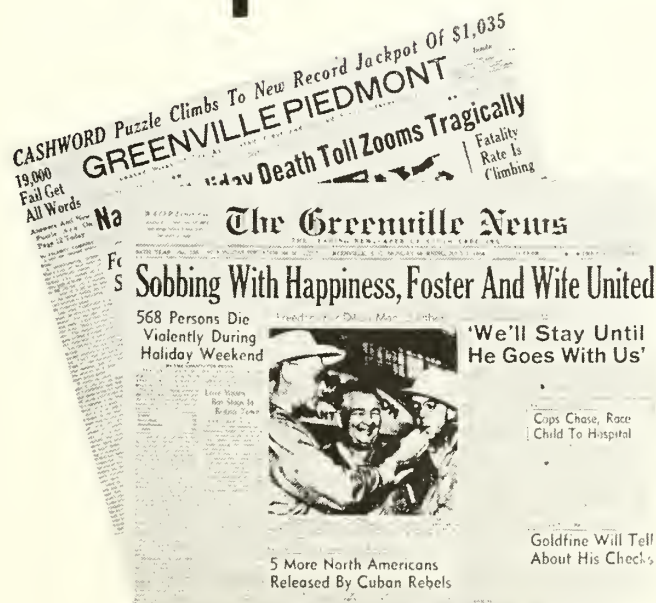
Even late night games are reported in The Greenville News' morning editions. And The Piedmont brings you a complete roundup of all the important sports results each afternoon.

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free substitution rule returns

... with strings attached

by Charles W. Tucker, Jr.

IN an effort to further liberalize the Intercollegiate Substitution Rule, the Football Rules Committee of the National Collegiate Athletic Association has come up with a very original and unique rule which will undoubtedly require not only an explanation, but a little time before most of the spectators will understand it.

To put it briefly, the rule for this year concerning substitutions will be as follows: When the game clock is stopped during a period, either team may substitute as many players as they wish, including an entire new team if they desire—except during fourth down and on first down when Team B has been designated as Team A, (in other words when the ball changes hands). On these two downs each team has what we may refer to as two "Wild Card" substitutions, which may be put in whether the game clock is running or not as long as they do not interfere with play.

At first glance one might think we were returning to unlimited substitutions, but actually this is not the case at all. Even though a new team can be sent in on time-outs during any down in the series, except fourth down and when the ball changes hands, the time-outs in each half have been reduced from five to four. Also, whereas last year either team could send in a "Wild Card" on every play, this year the two "Wild Cards" can only go in on fourth down or when the ball changes hands.

During an excess time-out granted while the clock is running, the team to whom the excess time-out was allowed may only replace the injured player or players. The opponents may replace any number of players at this time. However, if the time-out is granted prior to fourth down or prior to first down when Team B has been designated as Team A, neither team may replace more than two players in addition to the injured player or players. It will probably appear odd to the spec-

tators to see a fourth down punting situation with Team A permitted to substitute only two players when they would probably like to put in an entire new team, and just as odd after Team B has received the kick and is awarded first down to be limited to two substitutions when they would probably like to put in an entire new offensive team. Nevertheless, the rule is very specific on these two downs and either team will be limited to a maximum of two substitutions. Under the new substitution rule it will not be necessary to check in substitutes as heretofore because the number of times a player has been in or out of the game will not affect his eligibility. This alone should speed up the game and keep it moving smoothly.

While there are the usual number of rewrites for the purpose of simplification and clarification, there are two other major changes which should be noted here.

AN OFFENSIVE PLAYER IN MOTION TOWARD THE BALL NOT PERMITTED TO CLIP IN AREA WHERE FORMERLY PERMITTED.

Under the clipping rule, which has been in effect for a good many years, clipping was not permitted anywhere on the field of play, except in a zone which was defined as the rectangular

area centered on the middle lineman of the offensive team and extending four yards laterally in each direction and three yards longitudinally in each direction.

For the past several years there has been a growing complaint among the coaches as well as players of the punishment a defensive end or a backer-up received from the offensive wingback. The play was a very simple one, the offensive team would line up with the wingback a yard behind his line of scrimmage and five to ten yards outside of his offensive end. On a given cadence count, this wingback would start in motion toward the center just prior to the snap of the ball. Once the ball was snapped, the defensive end or backer-up would cross the line of scrimmage in an effort to break up the play and the offensive wingback, who, by this time had built up a "head of steam", would let him have it either from the side or in the back. The side block is perfectly legal, but anywhere else on the field blocking an opponent in the back is construed as a clip and so penalized.

Officials were constantly berated by the coaches for not calling what looked like an obvious clip, but the officials were powerless to do anything about it because of the area in which clipping was permitted.

This year the Rules Committee has wisely seen fit to add the following sentence to the definition of the area in which clipping is permitted—"An offensive player, outside this area, in motion toward the ball when it is snapped is not permitted to clip in this area." This one sentence will now eliminate the possibility of a wingback hitting a defensive player from behind in that area and it will also eliminate many injuries inherent in this play.

BACKFIELD PLAYER IN POSITION TO TAKE HAND TO HAND SNAP FROM CENTER NOW ELIGIBLE TO RECEIVE FORWARD PASS.

In the past years a T-Quarterback, who was under the center in a position to take a hand to hand snap, was not an eligible pass receiver. He could lateral the ball to another back or go back and throw a pass, but he was ineligible to receive a forward pass himself.

In an important game last year, the T-Quarterback, after lateralling a ball to another back, proceeded down field into the opponent's end zone. In the confusion that ensued, the passer spotted this back in the end zone and, not realizing that he was ineligible, threw the ball to him thereby scoring a touchdown which apparently was missed by the officials as well as players at the time. This is a very easy and understandable error to make and the Rules Committee has now decided that there is no reason why this player should not be eligible to receive a forward pass, and has changed the rule to read that "each player who is legally in his backfield is eligible to receive a forward pass."

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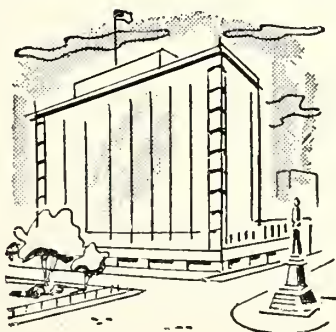
Aerial view of the Utica-Mohawk Clemson Plant



1963 Atlantic Coast Conference Football Schedule

SATURDAY DATES	CLEMSON	DUKE	MARYLAND	NORTH CAROLINA	N. C. STATE	SOUTH CAROLINA	VIRGINIA	WAKE FOREST
SEPT. 21	OKLAHOMA Away	S. CAROLINA Home	N. C. STATE Home	VIRGINIA Home	MARYLAND Away	DUKE Away	N. CAROLINA Away	EAST CAROLINA Away (N)
SEPT. 28	GEORGIA TECH Away	VIRGINIA Away	S. CAROLINA Away (N)	MICH. STATE Away	MISS. SOUTHERN Away (N)	MARYLAND Home (N)	DUKE Home	VA. TECH Home
OCT. 5	N. C. STATE Home	MARYLAND At Richmond, Va.	DUKE At Richmond, Va.	WAKE FOREST Away (N)	CLEMSON Away	GEORGIA Away	VA. TECH At Roanoke, Va.	N. CAROLINA Home (N)
OCT. 12	GEORGIA Home	CALIFORNIA Away	N. CAROLINA Home	MARYLAND Away	S. CAROLINA Away (N)	N. C. STATE Home (N)	V. M. I. At Richmond, Va.	FLA. STATE Away
OCT. 19	DUKE Away	CLEMSON Home	AIR FORCE Home	N. C. STATE Home	N. CAROLINA Away	VIRGINIA Away	S. CAROLINA Home	ARMY Away
OCT. 26	VIRGINIA Away	N. C. STATE Away	WAKE FOREST Away	S. CAROLINA Away	DUKE Home	N. CAROLINA Home	CLEMSON Home	MARYLAND Home
NOV. 2	WAKE FOREST Home	GEORGIA TECH Away	PENN STATE Home	GEORGIA Home	VIRGINIA At Norfolk, Va.	TULANE Home	N. C. STATE At Norfolk, Va.	CLEMSON Away
NOV. 9	N. CAROLINA Away	WAKE FOREST Home	NAVY Away	CLEMSON Home	VA. TECH Home	MEMPHIS STATE Away	WM. & MARY Home	DUKE Away
NOV. 16	MARYLAND Home	NAVY Home	CLEMSON Away	MIAMI Home	FLA. STATE Away	WAKE FOREST Away	BOSTON COLLEGE Away	S. CAROLINA Home
NOV. 23	S. CAROLINA Away	N. CAROLINA Home	VIRGINIA Home	DUKE Away	WAKE FOREST Nov. 22, Home (N)	CLEMSON Home	MARYLAND Away	N. C. STATE Nov. 22, Away (N)

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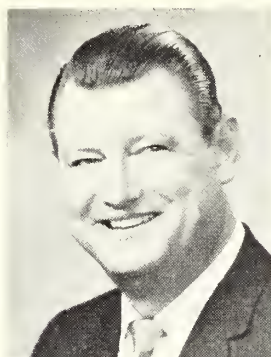
Since 1896, when Clemson's first football team took the field, the Tigers have won 317 games and lost 229. Coach Frank Howard, since becoming head coach in 1940, has won 132 games and lost 83. Listed below are the milestone games:

- Victory No. 1—Defeated Furman, 14-6, in 1896
- Defeat No. 1—Lost to South Carolina, 12-6, in 1896
- Victory No. 25—Defeated Auburn, 16-0, in 1902
- Defeat No. 25—Lost to V.P.I., 6-0, in 1909
- Victory No. 50—Defeated The Citadel, 17-0, in 1909
- Defeat No. 50—Lost to Georgia, 13-0, in 1915
- Victory No. 75—Defeated South Carolina, 27-0, in 1916
- Defeat No. 75—Lost to Centre, 21-0, in 1922
- Victory No. 100—Defeated South Carolina, 3-0, in 1922
- Defeat No. 100—Lost to Furman, 30-0, in 1926
- Defeat No. 125—Defeated V.M.I., 12-0, in 1928
- Defeat No. 125—Lost to Ole Miss, 13-0, in 1933
- Victory No. 150—Defeated Presbyterian, 6-0, in 1934
- Defeat No. 150—Lost to Auburn, 28-7, in 1941
- Victory No. 175—Defeated Kentucky, 14-0, in 1938
- Defeat No. 175—Lost to Tulane, 54-13, in 1946
- Victory No. 200—Defeated South Carolina, 18-6, in 1942
- Defeat No. 200—Lost to V.P.I., 18-7, in 1954
- Victory N. 225—Defeated South Carolina, 13-7, in 1948
- Defeat No. 225—Lost to South Carolina, 21-14, in 1961
- Victory No. 250—Defeated Boston College, 21-2, in 1951
- Victory No. 275—Defeated Virginia, 7-0, in 1956
- Victory No. 300—Defeated Texas Christian, 23-7, in 1959
- Bluebonnet Bowl game

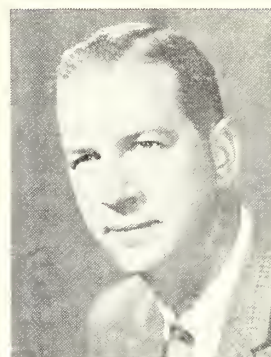
Howard Milestones . . .

- Victory No. 1—Defeated Presbyterian, 38-0, in 1940
- Defeat No. 1—Lost to Tulane, 13-0, in 1940
- Victory No. 25—Defeated Pensacola Naval Air Station, 7-6, in 1945
- Defeat No. 25—Lost to Georgia, 35-12, in 1946
- Victory No. 50—Defeated Duquesne, 33-20, in 1949
- Defeat No. 50—Lost to South Carolina, 14-7, in 1953
- Victory No. 75—Defeated Wake Forest, 32-20, in 1954
- Defeat No. 75—Lost to Florida, 21-17, in 1961
- Victory No. 100—Defeated North Carolina, 26-21, in 1958
- Victory No. 125—Defeated Furman, 35-6, in 1961

Clemson Football Network...



Coggins



Osborne

The Clemson Football Network is celebrating its 10th year of broadcasting this season, and since its inception, has grown to be one of the largest collegiate networks in the nation.

The network, operated wholly by the athletic association, is dedicated to make available to all stations, Clemson football games at economical rates thus giving Tiger fans and other interested parties an opportunity to hear Clemson football when it is not possible to attend the games.

The network has been one of the most successful anywhere. During the 1961 season the network had over 500 station broadcasts, or an average of better than 50 stations per game—an all-time high. Feeds were made to stations in North Carolina, Georgia and South Carolina.

The same two familiar voices will again be on the network for the 1963 season. Jimmie Coggins will handle the play-by-play commentary while Ed Osborne will describe the pre-game warmup, give time out chatter and interview visiting scouts, sportswriters and other personalities in the press box during halftime.

Coggins, the dean of South Carolina sports broadcasters, is owner of Station WKDK in Newberry and is co-owner with Osborne of Station WBCU in Union and WAGS in Bishopville.

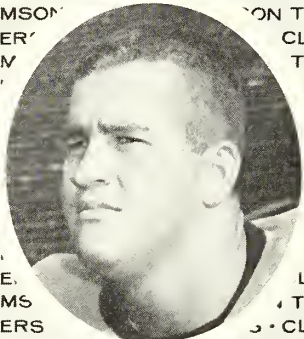
Coggins broke into radio 29 years ago with WSPA in Spartanburg. He also worked at WAIM in Anderson before going to Newberry in 1949. Prior to joining the network in 1954 he broadcast the Clemson games during the seasons of 1936-37-38-47-48-49. In 1950-51-52 he did the "Game of the Week" for Station WIS, Columbia.

Osborne served as director of both the Clemson News Bureau and the sports publicity office from 1947 through the spring of 1950. The Clemson graduate then got into radio work with WMSC in Columbia as sales representative and sports director. Since early 1953 he has been manager of WBCU.

JAY COOPER
FULLBACK



WALTER COX
GUARD



PAT CRAIN
FULLBACK



ELLIS DANTZLER
HALFBACK

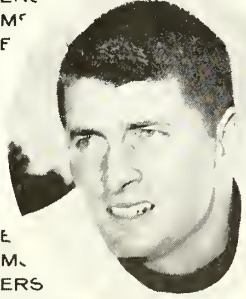


MIKE DOUGLAS
END

HAL DAVIS
HALFBACK



CHARLIE DUMAS
FULLBACK



BILLY EFIRD
HALFBACK



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END COACH . . .

COACH ROBERT MORGAN (BOB) JONES. Joined Clemson staff November, 1930, while still student under Coach Josh Cody as freshman football coach. Was hired fulltime by Coach Jess Neely Jan. 7, 1931, as assistant football coach.

Responsibilities: Assistant varsity coach working with ends on both offense and defense.



Jones

Coaching Experience: College—Served as head freshman coach 1933-39. Coached boxing team 1933-48. Was golf coach 1931-41. Has been varsity end coach since February, 1940. On Clemson staff 33 years.

Personal Information: Born—Starr, S. C., Nov. 19, 1908. **High School**—Starr, S. C., lettered in basketball and baseball. **College**—Clemson, graduated with BS degree in animal husbandry in 1930. Lettered 3 years

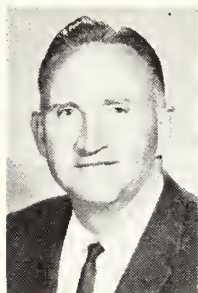
in football, 3 in basketball. All-South Atlantic football, 1930. Alternate football captain, 1930. Basketball captain 29-30. **Service**—Army 5 years. Has 32 years of active and reserve duty. Holds rank of major general in reserve. Commanding general of 108th Reserve Division. **Married**—Ellen Moseley of Anderson, S. C., June 9, 1931. **Children**—Mrs. David Moja (Janet) of Huntsville, Ala.; Rose, 23; Robin, 16.

Bowl Game Participation: 7 as an assistant coach (1940 Cotton, 1949 Gator, 1951 Orange, 1952 Gator, 1957 Orange, 1959 Sugar, 1959 Bluebonnet).

DEFENSIVE COACH . . .

COACH ROBERT WILLIAM (BOB) SMITH. Joined Clemson staff Feb., 1950, from private business in Clinton, S. C.

Responsibilities: Assistant varsity football coach working with line. Defensive coach.



Smith

Coaching Experience: College—was assistant football coach at Furman 1934-1942. Coached in Naval aviation physical training program from May, 1942 to Feb., 1946. Served as head coach of Furman 1946 and 1947. Served as Clemson baseball coach 1952 through 1957. ACC coach-of-the-year in 1954. Assistant varsity coach at Clemson 13 years.

Personal Information: Born—Cartersville, Ga., Dec. 6, 1912. **High School**—Cartersville, Ga., lettered in

football, basketball, baseball, track. **College**—Furman, graduated with BS degree in economics in 1934. Lettered in football, baseball, basketball, track. **College fraternity**—Kappa Alpha. **Service**—Navy 4 years. **Married**—Catherine Jordan of Dillon, S. C., June 17, 1942. **Children**—Sandy, 17; Becky, 15; Bob, Jr., 11.

Bowl Game Participation: 5 as an assistant coach (1951 Orange, 1952 Gator, 1957 Orange, 1959 Sugar, 1959 Bluebonnet).

DEFENSIVE BACKFIELD COACH . . .

COACH JAMES BANKS (BANKS) McFADDEN. Joined Clemson staff June, 1940, following graduation. Took leave of absence to play pro ball. Rejoined staff from Feb., 1941 to June, 1942. Returned from service Oct., 1945. On staff since that time.



McFadden

Responsibilities: Assistant varsity football coach working with defensive backs.

Coaching Experience: College—coached Clemson varsity basketball 10 years. Coached Clemson freshman football team. Coached Clemson varsity track and cross country. Has been on Clemson staff a total of 20 years.

Personal Information: Born—Fort Lawn, S. C., Feb. 7, 1917. **High School**—Great Falls, S. C., lettered

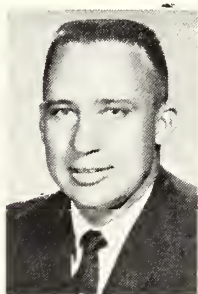
in football, basketball and track. **College**—Clemson, graduated in 1940 with BS degree in agricultural education, lettered 3 years in football, 3 in basketball, 3 in track. All-American in both football and basketball. **Pro football**—1 year (1940) with Brooklyn Dodgers. **Service**—Air Force 3½ years; **Married**—"Aggie" Rigby of Manning, S. C., June 13, 1945. **Children**—Patsy, 17; Lil, 15; Marcia 12; Jan, 10.

Bowl Game Participation: 1 as a player (1940 Cotton); 6 as an assistant coach (1949 Gator, 1951 Orange, 1952 Gator, 1957 Orange, 1959 Sugar, 1959 Bluebonnet).

OFFENSIVE COACH . . .

COACH JAMES DONALD (DON) WADE. Joined Clemson staff July, 1953. Came to Clemson from Waynesboro, Ga., High School.

Responsibilities: Assistant varsity football coach working with line. Recruiter.



Wade

Coaching Experience: High School—was assistant football coach at Waynesboro, Ga., one year. **College**—Served six years as Clemson assistant freshman coach. Coached freshman baseball team five years. Assistant line coach at Clemson three years. On the Clemson staff 10 years.

Personal Information: Born—Tyronza, Ark., Aug. 10, 1928. **High School**—Lenoir City, Tenn., lettered in football and basketball. **College**—Clemson, graduated in 1952 with BS degree in education, lettered in football 2 years. **Service**—

Army 2 years. Played two years service football with 187th para-glider Inf. Regt. in Japan. **Married**—Barbara Henderson of Clemson, S. C., Dec. 2, 1949. **Children**—Donna, 11; Beth, 7; Clint, 5.

Bowl Game Participation: 2 as a player (1951 Orange and 1952 Gator); 3 as an assistant coach (1957 Orange, 1959 Sugar, 1959 Bluebonnet).

OFFENSIVE COACH . . .

COACH CHARLES FLETCHER (CHARLIE) WALLER. Joined staff February, 1957. Came to Clemson from University of Texas.

Responsibilities: Assistant varsity football coach working with the backfield. Offensive coach. Recruiter.



Waller

Coaching Experience: High School—Line coach at Decatur, Ga., High 1 year. Head coach at Decatur 4 years with record of 43-3-1. Won last 25 in row. Coach of year in Georgia. **College**—backfield coach at Auburn four years. Served as backfield coach at Texas two years. Has been on Clemson staff six years.

Personal Information: Born—Griffin, Ga., Nov. 26, 1921. **High School:** Griffin High School, lettered in football and basketball. **College:** Ogle-

thorpe, graduated with AB degree in physical education in 1942. Lettered in football and baseball. Football captain in 1941. **Service:** Navy 4 years. **Married:** Maxine Ellis of Montgomery, Ala., April 24, 1954. **Children:** Cheryl Lynne, 8; Karen Jo, 7; Mary Frances, 3.

Bowl Game Participation: 4 as an assistant coach (1953 Gator and 1954 Gator with Auburn, 1959 Sugar and 1959 Bluebonnet with Clemson).

HEAD FRESHMAN COACH . . .

COACH COVINGTON (GOAT) McMILLAN. Joined Clemson staff Sept. 1, 1937. Came to Clemson from Furman coaching staff.

Responsibilities: Head freshman coach, recruiting.

Coaching Experience: High School—4 years as head coach (1930-33) at Griffin, Ga., where he produced some outstanding teams. **College**—assistant coach and director of physical education Furman University 3 years (1934-36). Clemson backfield coach at Clemson until 1955 when made head freshman coach. Helped develop 3 Clemson All-American backs. Also served as recreational director of state parks 7 years (1935-51). On Clemson staff for 26 years.



McMillan

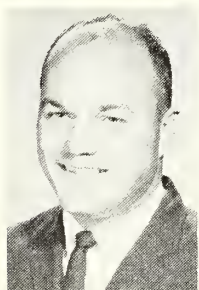
Personal Information: Born—Marlboro, S. C., May 30, 1907. **High School**—Saluda, S. C., lettered in football. **College**—Clemson, graduated with BS Degree in chemistry in 1930. Lettered in football three years. All-Southern in football, 1929. In 1936 received MA degree in physical education from Peabody College, Nashville, Tenn. Has all work except thesis completed on MS in education at Clemson. **Service**—Army 4 years. **Married**—Edith Greer of Greenville, S. C., May 2, 1937. **Children**—Mrs. Joe Bynum (Cheryl) of Charlottesville, Va., Cecelia, 20 (junior at Auburn University) Johnny, 16; Tim, 8.

Bowl Game Participation: 7 as assistant coach (1940 Cotton, 1949 Gator, 1951 Orange, 1952 Gator, 1957 Orange, 1959 Sugar, 1959 Bluebonnet).

CHIEF RECRUITER . . .

COACH FRED (FRED) CONE. Joined Clemson staff Jan. 1, 1961. Came to Clemson after playing with Dallas Cowboys of National Football League.

Responsibilities: Assistant coach working with varsity extra point, kickoff and field goal specialists. Also serves as chief recruiter in football.



Cone

Coaching Experience: High School—coached two years at University Military School at Mobile, Ala. Third year on Clemson staff.

Personal Information: Born—Pineapple, Ala., June 21, 1926. **High School**—Moore Academy, Pineapple, Ala. **College**—Clemson, graduated with BS degree in agricultural education in 1951. Lettered in football 3 years. Captain 1950. Still holds

10 individual season and career marks at Clemson. **Pro football**—7 years with Green Bay Packers, 1 year with Dallas Cowboys. **Service**—11th Airborne 2½ years. **Married**—Judy Anderson, Green Bay, Wis., May 1, 1954. **Children**—Jeff, 8; Andy, 6; Amy, 3.

Bowl Game Participation: 2 as a player (1949 Gator and 1951 Orange).

ASISTANT FRESHMAN COACH . . .

COACH RONALD PEARCE (WHITEY) JORDAN. Joined Clemson staff July, 1959. Came to Clemson after graduation.

Responsibilities: Assistant football coach working with freshman line. Recruiter.

Coaching Experience: College—Assisted with freshman team as a student while finishing up work on degree. Has been full time assistant freshman coach for four years.



Jordan

Personal Information: Born—Florence, S. C., May 14, 1936. **High School**—Florence High School, lettered in football, baseball and basketball. **College**—Clemson, graduated with BS degree in education in 1959. Lettered in football three years. **Married**—Kappy Stewart of Florence, S. C., June 5, 1955. **Children**—Kim, 7; Karol, 5; Stewart, 4; Jo Kyle, 1.

Bowl Game Participation—1 as a player (1957 Orange), 2 as an assistant coach (1959 Sugar, 1959 Bluebonnet).

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BUSINESS MANAGER . . .

EUGENE PERRITT (GENE) WILLIMON, BUSINESS MANAGER OF ATHLETICS. Joined Clemson staff April, 1950, from private business in Greenville, S. C.

Responsibilities: Handles all business matters pertaining to Clemson Athletic Assn., and IPTAY. **Background:** was in general insurance business for 17 years in Greenville. Came to Clemson as executive secretary of athletic association and IPTAY. Was named business manager of athletics in 1955. Is responsible for organizing IPTAY membership drive each year. Has been on Clemson staff for 13 years.



Willimon

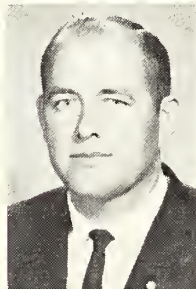
Personal Information: Born—Greenville, S. C., Jan. 15, 1912. **High School**—Greenville, S. C., lettered in football. **College**—Clemson, graduated with BS degree in horticulture in 1933, lettered 2 years in football. **Service**—Armor 4 years. **Married**—Louise (Lou) McClure of Anderson, S. C., June 29, 1937. **Children**—Rusty, 23; (graduate student at Clemson), and "Weezie", 19 (sophomore at University of Georgia).

Bowl Game Participation: 5 as business manager of athletics (1951 Orange, 1952 Gator, 1957 Orange, 1959 Sugar, 1959 Bluebonnet).

ASSISTANT BUSINESS MANAGER . . .

HENSLEE CLIFFORD (BILL) McLELLAN, ASSISTANT BUSINESS MANAGER OF ATHLETICS. Joined Clemson staff May 1, 1958 from department of agricultural economics and seed certification at Clemson.

Responsibilities: Assists with all business dealings of Clemson Athletic Association. Handles ticket orders. Began serving as assistant coach working with line in Feb., 1955 while with agricultural department. Still assists with coaching despite heavy duties in business office. Handles all sideline bookkeeping during game.



McLellan

Background: Received graduate research assistantship while working on MS degree. Served as assistant agronomist 1 year, as assistant economist for 2 years.

Personal Information: Born—Hamer, S. C., May 26, 1932. **High School**—Dillon, S. C., lettered 3 years in football, 2 in baseball. **College**—Clemson, graduated in 1954 with BS degree in agronomy and Masters degree in agricultural economics from Clemson in 1956. Lettered 2 years in football. **Married**—Ann Rogers of Fork, S. C., June 5, 1954. **Children**—Suzy, 8; Bill, 6; Cliff, 5; Arch Anna, 2. **Bowl Game Participation:** 1 as a player (1952 Gator), 3 as an assistant coach (1957 Orange, 1959 Sugar, 1959 Bluebonnet).

TEAM PHYSICIANS . . .

JUDSON ELAM (JUD) HAIR, TEAM PHYSICIAN. Joined staff in May, 1957. Came to Clemson from private practice in Due West, S. C.

Responsibilities: Is in charge of student health services at Clemson. Serves as team physician for all athletic teams.



Hair

Experience as doctor: After graduation from medical school served one year internship at Greenville, S. C., General Hospital. Was in private practice in Mayesville, S. C., one year and in Due West, S. C., three years. Has been Clemson team physician six years.

Personal Information: Born: Columbia, S. C., April 8, 1925. **High School**—Columbia High School. **College:** Attended Clemson one year. Attended College of Charleston one year.

Graduated from Medical College of South Carolina in 1952 with doctor of medicine degree. **Service**—Air Force 3 years. **Married**—Mary Price of Elberton, Ga., August 25, 1946. **Children:** Judson, Jr., 14; Ann, 10; Jim, 8; Harry, 7.

Bowl Game Participation: 2 as team physician (1959 Sugar, 1959 Bluebonnet).

JOHN CHARLES (CHARLIE) BARNETT, ASSISTANT TEAM PHYSICIAN. Joined Clemson staff July, 1959. Came to Clemson from private practice at Slater, S. C. **Responsibilities:** Assistant director of student health services. Serves as assistant team physician of all athletic teams.



Barnett

Experience as a physician: Served one year internship at Greenville General Hospital after graduation from med school. Was in private practice two years at Slater, S. C. Been on Clemson staff four years.

Personal Information: Born: Marietta, S. C., April 17, 1931. **High School:** Slater-Marietta, Slater, S. C. Lettered in football. **College:** Clemson, graduated in 1952 with BS in pre-medicine. Medical College of South Carolina, graduated in 1956

with doctor of medicine degree. **College fraternity:** Phi Rho Sigma. **Married:** Jean Chapman of Slater, S. C., August 18, 1954. **Children:** Allison, 5; Scott, 3.

Bowl Game Participation: 1 as assistant team physician (1959 Bluebonnet).

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HEAD TRAINER . . .

TRAINER FRED W. (FRED) HOOVER. Joined Clemson staff July 1, 1959. Came to Clemson from Florida State University.

Responsibilities: Head trainer of all intercollegiate sports.



Hoover

Experience as a trainer: Served as trainer at Florida State 1952 and 1953 and again 1957 and 1958. Has lectured on several football clinics. Is a member of National Trainers Association; secretary-treasurer District III, National Trainers Association. Trainer for United States at Pan American games in Sao Paulo Brazil in 1963. Lecturer at National Trainers Convention in 1963. Head trainer at Clemson for four years.

Personal Information: Born — Jacksonville, Fla, July 3, 1930. **High School**—Andrew Jackson, Jacksonville, Fla. **College**—Florida State University, graduated with BS degree in physical education in 1953. **College fraternity**—Sigma Chi. **Service**—Air Force 3 years. Captain in Air Force Reserve. **Married**—Elva Cook of Mt. Vernon, Ill., Dec. 15, 1956. **Children**—Catherine Ann, 5; and Bryan, 3. **Bowl Game Participation:** 1 as trainer (1959 Bluebonnet).

EQUIPMENT MANAGER . . .

ASSISTANT TRAINER AND EQUIPMENT MANAGER HERMAN McGEE. Joined Clemson staff in March, 1934, after graduation from high school.

Responsibilities: Assists with training duties of all varsity teams; serves as trainer for freshman football teams; keeps track of equipment of all athletic teams.



McGee

Experience as trainer: Served as assistant trainer from 1934 through 1948. Was trainer from 1948 through 1957. Has served as assistant trainer and equipment manager since 1958. Has been on Clemson staff for 29 years.

Personal Information: Born—Clemson, S. C., September 11, 1918. **High School**—graduated Pendleton High

(now Riverside), played basketball and baseball. **Service**—4½ years in infantry and quartermaster. **Married**—Lucia Greene of Pendleton, S. C., February 8, 1943.

Bowl Game Participation: 5 as trainer (1940 Cotton, 1949 Gator, 1951 Orange, 1952 Gator, 1957 Orange), 2 as assistant trainer and equipment manager (1959 Sugar, 1959 Bluebonnet).

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Atlantic Coast Conference Football Officials

The Atlantic Coast Conference assigns its football officials through the Supervisor of Officials, H. C. (Joby) Hawn of Winston-Salem, N. C., with the assistance of the Office of the Commissioner, James H. Weaver, and such assignments are not made public until the day of the game. Brief sketches of the 42 regularly-assigned football officials of the conference staff are listed below for your information and convenience, as follows:

EARL BARNETT, civil engineer and general building contractor, Charlottesville, Va. Graduate University of Virginia. Member Falcon Club, Mason, Chairman board of deacons First Baptist Church, Sunday School teacher, Training Union leader, chairman Boy Scout Committee. Former coach Lane High School, Charlottesville. 16 years officiating.

V. E. (ED) BAUGH, superintendent of engineering and maintenance T. E. Wannamaker, Inc., Orangeburg, S. C. Attended Clemson College. Deacon First Presbyterian Church. 19 years officiating. Past president South Carolina Football Officials Association.

LOU BELLO, teacher Raleigh City Schools, Raleigh, N. C. Graduate Duke University. Secretary Raleigh Hot Stove League, sports chairman March of Dimes, youth director church. 18 years officiating.

WALLACE BURKE, coordinator of Industrial Cooperative Training, Alamance County Schools, Burlington, N. C. Graduate Elon College. Red Cross water safety chairman. Member B.P.O. Elks 1633. Member United Church of Christ. 10 years officiating. Clinic leader Northwestern High School Officials Association.

TOM CHAMBERS, Office Manager Goody's Manufacturing Corporation, Winston-Salem, N. C. Graduate Duke University. Deacon and Sunday School Superintendent Calvary Baptist Church, 13 years officiating.

WILBURN C. CLARY, assistant superintendent, The Children's Home, Inc., Winston-Salem, N. C. Graduate University of South Carolina. Since 1937 coach at Children's Home, became principal 1944, assistant superintendent 1949. Executive secretary Western North Carolina High School Activities Assn. 21 years officiating. President-Secretary, North Carolina High School Officials Association.

JIM COLLIER, industrial relations director, Woodside Mills, Greenville, S. C. Graduate Presbyterian College. Past president Parker Rotary Club. 15 years officiating.

HUGH M. CURRIN, attorney at law, Oxford, N. C. Graduate Wake Forest College. Past mayor of Oxford. Member Civitan Club. 15 years officiating.

D. A. (BABE) DANIEL, state director of sales, Great Central Insurance Co., Charlotte, N. C. Graduate University of North Carolina. Member Charlotte Quarterback Club. Former president North State Officials Association. 27 years officiating.

CARL B. DEANE, sporting goods dealer, Downtown Store, Charlottesville, Va. Graduate Duke University, Member Elks Club. 16 years officiating.

JOHN C. DONOHUE, general agent for State of Maryland, Penn State Mutual Life Insurance Co., Baltimore, Md. Graduate St. Johns College of Annapolis, Md. Coach

(Continued on next page)

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ACC Football Officials (Continued)

at St. Johns until 1939. Former president Baltimore Life Underwriter Assn. Trustee of Natl. Assn. of Life Underwriters. Former state chairman Heart Fund. Member board of visitors and governors at St. Johns College. Former president Maryland Board of Football Officials. 24 years officiating.

WILLIAM R. EDWARDS, principal elementary school, The Children's Home, Winston-Salem, N. C. Graduate Appalachian State Teachers College, member Sertoma Club. 16 years officiating.

CHARLES F. ELLINGER, special account representative, Baltimore Business Forms Co., Baltimore, Md. Graduate University of Maryland. Member Quarterback Club, Colts Associates, Military Order Foreign Wars, Mason Landmark Lodge, Mt. Washington Club, Press Club. President Maryland Board Football Officials Assn. 18 years officiating.

ALLEN C. (RED) GADDY, executive, Buttercup Ice Cream Co., Hamlet, N. C. Graduate Wake Forest College. Trustee Hamlet City Schools, Trustee Hamlet Memorial Hospital, member Richmond County Extension Advisory Board. Member Lions Club. Member Lutheran Church. 25 years officiating.

PAUL C. GIROLAMO, packaging specialist, Cryovac Division of W. R. Grace Co., Spartanburg, S. C. Graduate Cornell University. United Fund Chairman. Member Roman Catholic Church. 12 year officiating.

ERNEST D. (B.) HACKNEY, insurance-real estate, Wilson, N. C. Graduate University of North Carolina, Phi Beta Kappa. Former President Wilson Junior Chamber of Commerce, Wilson County Assn. of Insurance Agents. Member Salvation Army Advisory Board, Wilson Recreation Commission, Board of Stewards, Methodist Church. 15 years officiating.

MILTON A. HINES, personnel department, Chatham Manufacturing Co., Elkin, N. C. Graduate Guilford College. Scoutmaster Troop 46, Kiwanis Club. 14 years officiating.

EUGENE HOOKS, assistant professor in Department of Physical Education, Wake Forest College, Winston-Salem, N. C. Graduate Wake Forest College. All-America third baseman at Wake Forest. Former Wake Forest baseball coach. Doctors degree George Peabody College. 11 years officiating.

VAUGHN JENNINGS, Co-owner McCollum Dodge Motors, Inc., Sumter, S. C. Attended Oklahoma A&M. Member American Legion, Forty and Eight, Elks, Chairman draft Board, 17 years officiating.

JOHN W. (JACK) LINDSAY, assistant counsel, Liberty Life Insurance Co., Greenville, S. C. Secretary of Surety Insurance Co., Graduate University of North Carolina. South Carolina Bar Assn. Staff officer S. C. National Guard. Mason and Shriner. President South Carolina Football Officials Assn. 15 years officiating.

GEORGE MANNING, design engineer, Cocker Machine & Foundry Co., Gastonia, N. C. Graduate Georgia Tech, masters degree in engineering. 18 years officiating.

HARRY MARCHANT, sporting goods salesman, Johnson-Lambe Co., Raleigh, N. C. Graduate Durham High School. Member Junior Chamber of Commerce. Former

president Durham Emergency & Rescue Squad. 16 years officiating.

M. E. McCLENNY, owner-operator Mickey's Pastry Shop, Goldboro, N. C. Graduate Goldsboro High School. President Wayne County Boys Club. Former member Wayne Recreation Council. Member Lions Club, Loyal Order of Moose, American Legion, 40 and 8. Trustee Friends Church. 16 years officiating.

JULIAN McKENZIE, field supervisor, Travelers Insurance Co., Columbia, S. C. Graduate University of North Carolina. Member Junior Chamber of Commerce, Lions Club. 12 years officiating.

DR. RAYMOND D. (BO) MENTON, JR., dentist, Elliott City, Md. Graduate Loyola of Baltimore, D.D.S. at University of Maryland. Member Kiwanis, Junior Chamber of Commerce. Member Catholic Church. 9 years officiating. Secretary-treasurer Maryland Board of Football Officials.

RAY MOORE, sales representative B. C. Remedy Co., Columbia, S. C. Graduate Camden High School. President Columbia Touchdown Club. Former president Pharmaceutical Assn. TMA. Former district governor South Carolina Junior Chamber of Commerce. 32nd degree Mason and Shriner. Deacon in Sherwood Forest Associate Reformed Presbyterian Church. 24 years officiating.

CHARLES MOSS, U. S. Department of Agriculture, Greenville, S. C. Graduate Clemson College. Former freshman coach Clemson. Member Greenville Touchdown Club, Mason, Chairman school recreation program. Former president South Carolina Football Officials Assn. 29 years officiating.

FRANK J. MURRAY, assistant professor of physical education, North Carolina State of the University of North Carolina at Raleigh, N. C. Graduate High Point College. Commissioner Junior College Athletic Association, director of North Carolina High School Athletic Association track meets. Sunday School team in in Presbyterian Church. 15 year officiating.

O. V. PLAYER, JR., Owner American Service Station, Sumter, S. C. Attended University of South Carolina, Deacon First Presbyterian Church. Member Lions Club, 40 and 8, American Legion, Master Mason, Sumter School Board, Elks Club. Past director YMCA. 17 years officiating. Past president South Carolina Football Association.

GEORGE T. RANKIN, teacher, Baltimore, Md. Graduate Towsan State Teachers College. Member Harundale Civic Club. 18 years officiating. Past president Central Maryland Board of Basketball Officials, Baltimore-Washington Chapter of Eastern Football Officials.

GIL RUSHTON, district sales manager, Nationwide Insurance Co., Charlotte, N. C. Graduate Clemson College. Member Chamber of Commerce, Life Underwriters Assn., Greenville Touchdown Club. 12 years officiating. Past president Piedmont Football Officials Association of South Carolina.

ROBERT SANDELL, owner Dairy Queen, Charlottesville, Va. Graduate Johns Hopkins University. Former All-American lacrosse player and coach at Virginia. 14 years officiating.

(Continued on next page)

ACC Football Officials (Continued)

WILLIAM K. SHIPLEY, industrial sales engineer, Toledo Scale Corp., Baltimore, Md. Graduate University of Baltimore, Md. Member NCAA All-American lacrosse selection committee. 13 years officiating. Past president Maryland Board of Football Officials.

WILLIAM C. SIMPSON, principal, Olympia High School, Columbia, S. C. Graduate University of South Carolina. 14 years as high school coach, past member National Alliance Football Rules Committee, Major in Air Force Reserve, member of Shandon Presbyterian Church. 17 years officiating. Director basketball clinics for South Carolina High School Association.

WILLIAM E. SMITH, associate professor, Physical Education Department, N. C. State College, Raleigh, N. C. Graduate Western Carolina Teachers College. Doctors degree George Peabody College. 17 years officiating.

RALPH STOUT, JR., president, Southern Seeding Service Co., vice president Southern Mapping & Engineering Co., Greensboro, N. C. Graduate N. C. State. Member Professional Engineers of North Carolina Society of Engineers. President Men's Club, All Saints Episcopal Church. 12 years officiating. Past president North State Football Officials Association.

CHARLIE TIMMONS, industrial engineer, Gulf Oil Co., Greenville, S. C. Graduate Clemson College. Former pro player Brooklyn Dodgers. All-Southern fullback. Member Greenville Touchdown Club. Sunday School teacher St. Paul Methodist Church. 13 years officiating.

FRITZ TURNER, chief LP-gas inspector, South Carolina Insurance Dept., Columbia, S. C. Graduate University of South Carolina. 20 years officiating.

JACK D. VEST, personal lines manager, insurance department, Wachovia Bank & Trust Co., Winston-Salem, N. C. (residence Clemmons, N. C.) Graduate of East Tennessee State College, masters George Peabody College. Four years experience as high school teacher and coach. Member Clemmons Moravian Church. 10 years officiating.

BOB WEAVER, principal Royal Oaks Elementary School, Kannapolis, N. C. Graduate Appalachian State Teachers College. Member Lions Club, American Legion, United States Naval Reserve, North Carolina Education Assn., life member National Education Assn., Assn. of Professional Ball Players of American, Umpires Assn. of National Baseball Congress. 14 years officiating. Executive secretary Piedmont Officials Association.

W. M. WILBANKS, recreation director, Ware Shoals Community Foundation of Riegel Textile Corp., Ware Shoals, S. C. Attended Washington College. Past president Ware Shoals Lions Club. Member American Legion, Mason, Instructor American Red Cross. 23 years officiating.

PAUL K. WOOD, district engineer, Southern Clay Pipe Institute of Atlanta, Georgia. Residence Lexington, N. C. Attended Georgia Tech. Graduated North Carolina State College. Member American Society of Civil Engineers, North Carolina Society of Engineers. 16 years officiating.

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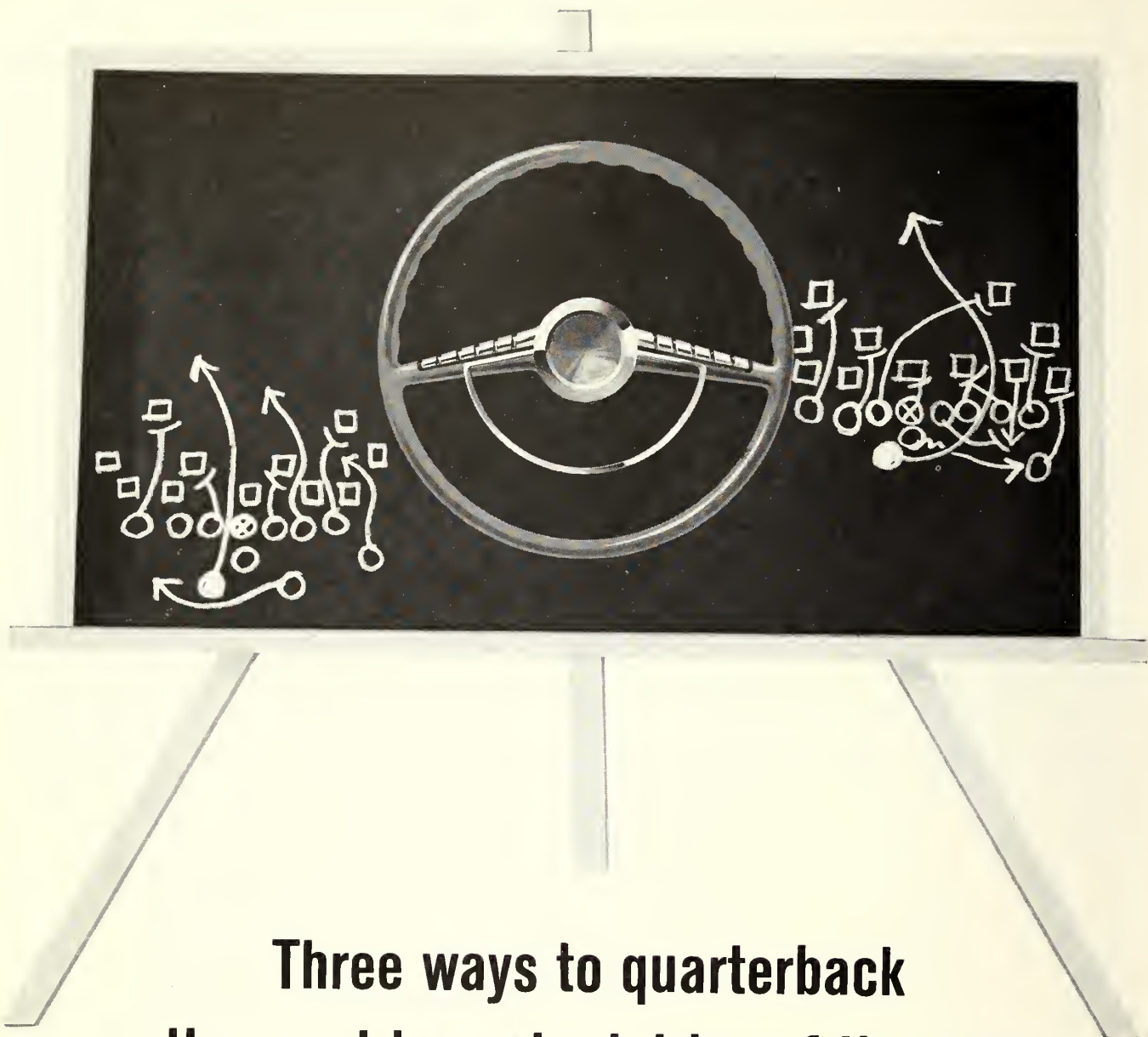


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